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MARCH 17 1962



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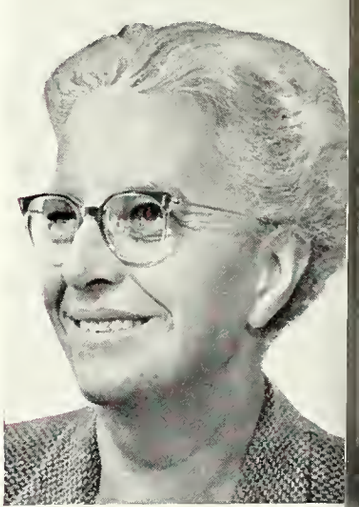
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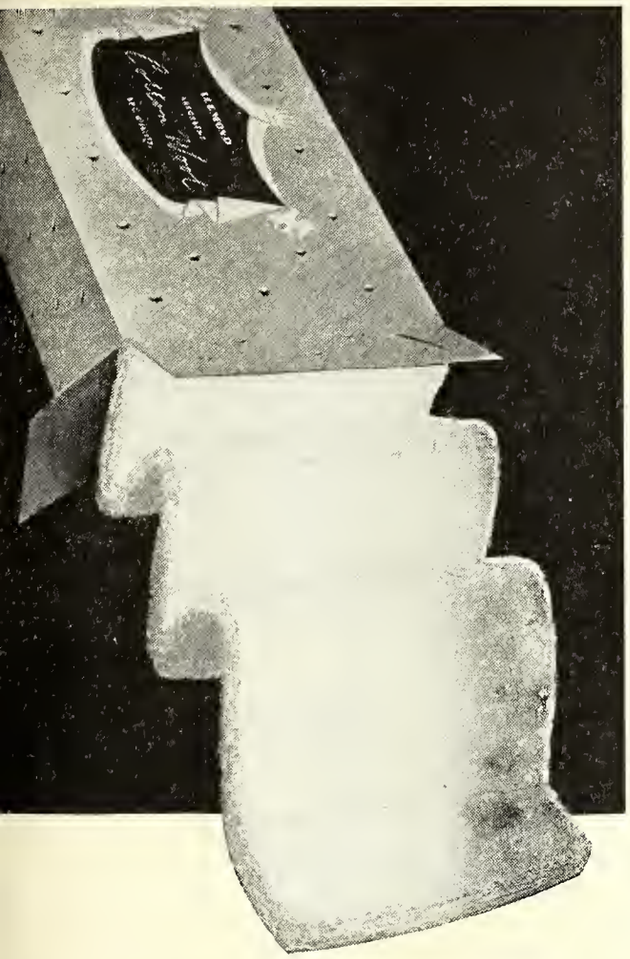
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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY
and all sections of the drug, pharmaceutical, fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and of the Pharmaceutical Society of Northern Ireland

Volume 177 March 17, 1962 No. 4283

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The CHEMIST AND DRUGGIST

Volume 177 MARCH 17, 1962 No. 4283

More "Consultation"

TARIFF AMENDMENTS ENFORCED

THE Minister of Health has amended the Drug Tariff to secure that the sliding scale of oncost allowance shall be calculated in relation to pharmacies and not solely in relation to the names of persons entered on the Executive Councils' pharmaceutical list.

Where two or more pharmacists operate at one pharmacy all the prescriptions for that pharmacy are to be aggregated for the purpose of the oncost allowance notwithstanding that the individual pharmacists' names may be on the pharmaceutical list. The change affects similarly a chemist contractor whose name is separately entered in respect of the supply of appliances only. Where, however, a separate contract for the supply of appliances only existed prior to November 1961, it may continue to be treated as a separate contract. The official notices (ECL 19/62 and ECN 391) state that the changes have been decided by the Minister of Health "after consultation with the Central N.H.S. (Chemist Contractors) Committee" although the contractors' committee had strongly protested to the Ministry that it could not agree to the proposed amendments. At the Central N.H.S. (Chemist Contractors) Committee meeting on February 27 (see *C. & D.*, March 10, p. 262) it was decided to make further representations to the Ministry on the matter. The Minister's amendments to the Drug Tariff ensure that, where a chemist or a company has more than one pharmacy in different premises, the oncost allowance is to be applied (as in the past) to each set of premises. Contractors who applied recently for separate contracts in respect of the supply of appliances and have had payment for appliance prescriptions dispensed in November or December 1961, or January 1962, calculated separately are not to have any adjustments made to their N.H.S. accounts, but February's and later prescriptions are to be aggregated.

Cure for Keratitis

ANTIVIRAL AGENT DEVELOPED

KERATITIS, or inflammation of the cornea, may be caused by one or more strains of herpetic virus. Mistaken for a non-infective inflammation, the condition can be worsened by the use of cortisone. A symposium on virology in New York recently was informed of a substance which, when instilled into an infected eye, inhibits multiplication of the virus without damaging the corneal tissue. Its use in conjunction with cortisone is claimed to promote healing of both mild and severe keratic scars. Known as IDU, the substance has the chemical name 5-iodo-2'-deoxyuridine. It is a product of Smith, Kline & French Laboratories, Philadelphia, but is not at present available commercially. Dr. H. E. Kaufman, who presented details of the substance to the symposium, pointed out that chemically it differs only slightly from FUDR, an antimetabolite used in cancer therapy and containing a fluoro group in the 5-position. Dr. Kaufman said he had chosen the cornea to test the antiviral action of IDU because it has no blood supply and might therefore be more reactive to the drug. Viral infection of a cell is always accompanied by a marked increase in the concentration of desoxyribonucleic acid (DNA). Dr. Kaufman found that IDU would inhibit the uptake of thymidine into DNA, and so prevent multiplication of the virus. In experiments on forty-six patients, a solution of IDU was instilled into the infected eyes every hour during the day and every two hours at night. Mild (surface) infections were cured within three days and deeper infections healed after about four days.

Tablets at Gunpoint

PORTHLEVEN CHEMIST THREATENED

ARMED with a loaded automatic pistol, a man pushed his way into the dispensary of The Pharmacy, Fore Street, Porthleven, Cornwall, on March 9 and demanded phenobarbitone tablets. After trying unsuccessfully to deter the gunman, the proprietor (Mr. J. L. Rogers, M.P.S.) reached for the soda-mint tablets—whereupon the man threatened him, shouting "Don't switch the bottles because I can read the labels." Mr. Rogers then followed the only course remaining and surrendered his smallest bottle of tab. phenobarb., gr. ½ — containing about 200 tablets. The man upturned the bottle, swallowed its entire contents, then demanded and was given a glass of water to wash them down. He ran from the shop and drove off in a van parked outside. Mr. Rogers telephoned the police but found they were already taking action. They had received an emergency call a few minutes earlier from a naval officer who had been



A HOSPITAL DISPENSARY IMPROVED: Changes recently completed in the pharmacy department at the Royal Free Hospital, London, give the department a much improved dispensary. The modernisation was intentionally limited in scope in view of the eventual transfer of the hospital to a new site.

forced at gunpoint to drive the man to the pharmacy. Eventually the van was located at nearby Praa Sands, and the gunman was rushed unconscious to Penzance Hospital.

Nielsen Drug Index

TURNOVER UP 4·7 PER CENT.

THE average weekly turnover in retail pharmacies during November and December 1961 was £6,370,000, an increase of 4·7 per cent. over the figures for the corresponding period of 1960. The increase was somewhat lower than had obtained during the preceding five periods of 1961, and was only half the increase for the whole year, according to the Nielsen Drug Index retailers' report. It is again emphasised that the part of the retail chemist's turnover that comes from N.H.S. receipts is progressively increasing as a percentage of the total, and that is particularly true of independent pharmacies. The report continues: "The recent attack by the Minister of Health on the profits of the retail chemist from the National Health Service receipts makes it appear that it is in that field that the chemist is most vulnerable. Though he justifiably feels that there lies his true vocation it is important to strike a balance between that side of his business over which he has a large measure of control, i.e., retail sales, and the purely ethical side, which to a large extent is controlled by Government policy." The average weekly cash sales in retail pharmacies were: Multiples, £585; large independents, £370; medium independents, £192; small independents, £104. Compared with the corresponding figures for 1960 the increased percentage changes were: Multiples, 7·1; all independents, 4·4. The multiple pharmacies were estimated to have 43·9 per cent. of the total turnover during the period, whilst the large, medium and small independents obtained 24·3; 17·5 and 14·3 per cent. respectively. Average weekly National Health Service payments per shop were: Large independents, £167; multiples, £136; medium independents, £101; small independents, £59. During November 1961 independent pharmacies dispensed 68·5 per cent. of National Health Service prescriptions (an average of 1,074 per shop per month), whilst the multiple pharmacies dispensed 31·5 per cent.) an average of 1,054 per shop per month). National Health Service payments amounted to 18·3 per cent. of the total turnover in multiple pharmacies and 31·1 per cent. in independents.

Drug Testing Scheme

EXTENDED TO INCLUDE PROPRIETARIES

THE extension of the National Health Service drug-testing scheme to include proprietary medicines (which now comprise about 60 per cent. of all prescriptions) as well as of standard drugs, is referred to in a newsletter sent to contractors by the Central N.H.S. (Chemist Contractors) Committee. When the testing of certain proprietaries is introduced samples will be taken of all products named in a confidential list compiled by the Ministry of Health in consultation with the analysts. Where the proprietary exists in one strength only, a simple identity test will be made. Where there are two or more strengths, the active ingredient will be estimated to establish whether or not the prescribed strength has been supplied.

Production Statistics

A NEW SERVICE FOR INDUSTRY

A NEW information series designed to provide a speedy and up-to-date service of statistical information on British industry is being published by H.M. Stationery Office on behalf of the Board of Trade. The general title of the series is the "Board of Trade Business Monitor: Production Series." It comprises over sixty separate titles, of which about forty are being published quarterly and the rest monthly. Each issue in the series presents the latest statistical data on the industrial production of a particular commodity or group of commodities in the United Kingdom. The contents of each issue consist of a short commentary on the month's or quarter's statistics, followed by detailed tables based on information collected regularly by the Board of Trade. The frequency of publication of each title in the series depends only on the frequency with which the Board receives the information on which it is based. The series is available (by subscription only) from H.M. Stationery Office, P.O. Box 569, London, S.E.1. Among those published quarterly are (a) pesticides and insecticides, and (b) toilet preparations. Pharmaceuticals are not included in the series.

Anti-dumping Duties

NEW APPLICATIONS RECEIVED

THE Board of Trade state that they are considering an application for the imposition of anti-dumping duties on gelatin and glue (excluding edible and photographic gelatin) of tariff subheading 35.03(B) imported from Austria, the Netherlands, Czechoslovakia and Poland. The application may be extended to cover imports from other countries who appear to be dumping. Representations from interested parties should be submitted in writing to the Board not later than March 23.—The Board also announces that the application for a similar duty on styrene monomer (*C. & D.*, March 3, p. 224), has been extended to cover imports from Canada.

Pleas for Tax Reductions

TRAVELLERS' PRE-BUDGET NOTE

THE United Commercial Travellers' Association has submitted a pre-Budget memorandum to the Chancellor of the Exchequer calling for a reduction in the existing rates of purchase tax (described as a burden on trade) the removal of the 10 per cent. surcharge and the elimination of the many anomalies in purchase tax scales, and particularly the possibility of changing the fiscal year, so as to avoid the present "dead" period between January and April. The Association also pleads for a reduction in the fuel tax, especially on petrol.

SCOTTISH NEWS

Hospital Costs

THE running costs of 386 hospitals in Scotland have been investigated and the results incorporated in the analysis of Running Costs of Hospitals, year ended March 31, 1961, issued by the Department of Health for Scotland (H.M. Stationery Office, price 10s. 6d.). Costs of the hospital pharmacy departments have been ascertained. Some of the information is reproduced in the accompanying tables.

Hospital Classification	Average Cost of Drugs and Dressings per Patient Discharged
	£ s. d.
Acute	
Teaching	4 8 11
Over 50 beds ...	3 13 6
1-50 beds ...	1 17 10
Mainly acute	
Teaching	3 13 0
Non-teaching ...	4 7 1
Partly acute ...	4 6 9
Convalescent ...	14 2
Maternity	
Teaching	2 3 5
Non-teaching ...	1 14 8
Children's acute	
Teaching	2 5 0
Non-teaching ...	1 8 9

Hospital	Out-patient Supplies	
	per 100 Attendances	Per In-patient Discharged
	£ s. d.	£ s. d.
Royal Infirmaries:—		
Edinburgh	4 3 7	5 13 8
Glasgow	2 4 1	6 13 2
Aberdeen	3 18 2	4 16 8
Dundee	5 15 10	3 13 0
Glasgow Western Infirmary	2 12 2	5 5 10
Edinburgh Western General	3 16 8	5 12 0
Glasgow Victoria Infirmary	1 4 7	5 9 4
Woodend	—	3 16 8
Bangour General ..	3 17 10	5 0 8
Raigmore	7 16 3	4 5 8
Stonehouse	4 1 3	5 4 0
Killearn	—	8 17 2

IRISH BREVITIES

THE NORTH

THE last of a series of lectures by members of the Department of Therapeutics at Queen's University, Belfast, was given in the Institute of Clinical Science, Belfast, on March 8. Arranged by the Pharmaceutical Society of Northern Ireland, it was the second part of a talk on the assessment of the effects of drug therapy by Mr. P. C. Elmes, who dealt with biological variation, controlled therapeutic trials and allied subjects.

IN NORTHERN IRELAND during September 1961, 522,312 prescriptions (373,209 forms) were dispensed at a total net cost of £200,059. Average cost per prescription was 91·94d. During October 1961, 558,382 prescriptions (397,641 forms) were dispensed at a total net cost of £213,715. Average cost per prescription was 91·86d. During November 1961, 621,869 prescriptions (431,424 forms) were dispensed at a total net cost of £237,266. Average cost per prescription was 91·57d.

NEWS IN BRIEF

THE election of the Executive of the Scottish Department is to be held on June 20.

THE Edinburgh office of the Export Credits Guarantee Department has moved to 108 George Street.

THE Minister of Labour has reappointed the Women's Consultative Committee, which advises him "on questions of employment policy relating to women."

A PETITION urging provision for a pharmacy on land adjoining an existing row of shops has been presented to West Bromwich, Staffs, town council on behalf of 500 residents of the Hamstead Road area of Great Barr.

ROCHDALE Hospital Management Committee have been given approval by the Manchester Regional Hospital Board for a £14,605 extension scheme for the pharmacy at Birch Hill Hospital, Wardle, Rochdale.

DR. C. L. Hewett (research director, Organon Laboratories, Ltd., Newhouse, Lanarkshire), and Dr. F. R. Smith (research director, T. & H. Smith, Ltd., Edinburgh), have been elected Fellows of the Royal Society of Edinburgh.

NUMBER six of *Prescribers' Journal* has been issued by the Ministry of Health and Department of Health for Scotland. It contains reviews of parenteral iron preparations, erythromycin and related antibiotics, and methods of reducing hypercholesterolæmia.

THE Ministry of Health has issued a memorandum (H.M.(62)12) to hospital authorities on measures to deal with redundancy. It authorises terminal payments and assistance with excess travelling expenses or removal expenses to redundant staff.

PERCENTAGE changes in 160 Co-operative Societies' pharmacy sales for the four weeks ended November 25, 1961, against those for the corresponding period a year earlier are: Midland, +4·33; Northern, −1·52; N.E., +2·54; N.W., −2·74; Scottish, +8·90; Southern, +2·19; South-west, +8·99; West, +11·50; Great Britain, +2·52.

"SIMPLE Repulpability Tests" is the title of a new booklet issued by the British Waste Paper Utilisation Council. It describes two easy tests, capable of being performed by non-experts, for determining the presence of "pernicious contrary materials" (for example water-insoluble adhesive coatings and laminating agents) liable to spoil reclaimed paper or board during repulping. Copies may be obtained from the Council's secretariat, 80 Charlotte Street, London, W.1.

THE annual course in tropical hygiene for laymen is being held by the Ross Institute of Tropical Hygiene, July 2 to July 6. The course is designed specially for non-medical people who may be responsible for the health of industrial labour forces in the tropics and non-medical men and women proceeding to the tropics. Further information is available from the Organising Secretary, Ross Institute of Tropical Hygiene, London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1.

TOPICAL REFLECTIONS

By Xrayser

Large savings

Whether there is any connection between Mr. E. Shinwell's question in the House concerning the purchase of drugs from foreign sources and the announcement on p. 260 of a reduction in the price of home-produced antibiotics is only a matter for speculation, since the statement issued by one of the manufacturers refers only to fair negotiations under the terms of the voluntary price-regulation scheme. I note that on this occasion it is not proposed to pass on the reduction in relation to stocks already held, it being blandly assumed that existing stocks will be disposed of before the pricing bureaux put the new rate into operation. The manufacturers have hitherto scrupulously seen to it that there should be no loss on goods already purchased, though they were not compelled to do so. The situation is extremely interesting, since the spokesman of one of the companies concerned has stated that the reductions would "probably result in the largest savings made to date under the voluntary price-regulation scheme." It seems unlikely, to say the least, that all the stocks held in the country will be disposed of before recognition of the new price comes into effect, and it seems probable that, initially at least, some part of the large savings will be contributed by the pharmacist. A reduction in value of 15 per cent. will not leave substantial profits for those whose oncost has been cut to 12½ per cent. The timing of the announcement, at the end of a winter that has been singularly free of conditions of an epidemic nature, gives little ground for hope that the pharmacist will break even.

Other days

It was with a feeling almost of melancholy that I read of the departure from the active scene of yet another old pharmacy. The changing pattern of a city, in which a live centre suddenly ceases to be a centre of habitation, has accounted for the disappearance of some pharmacies which, only twenty or thirty years ago, had seemed indestructible. Now we read, on p. 275, that the impact of the National Health Service has so altered the medical and pharmaceutical scene that the fine old business of Thackray's of Leeds has ceased to exist in its original form. Your heading "Five years short of a century" suggests that time has stood still, for the interesting facsimile of the opening announcement is dated 1862, a figure which suggests that the century had in fact been achieved. One wonders just what effect such an announcement would have today, for the modest self-appraisal of Saml. Taylor, Family and Dispensing Chemist & Druggist, is illuminating. It might, possibly, cause a slight raising of the eyebrows in the personnel of the Ethical Committee of the Pharmaceutical Society. "S.T." stood in no need of a public-relations organisation. Other times, other manners. I had not the privilege of knowing the pharmacy, but I salute those who retained the traditional design, complete with more than 200 shop rounds, and who jealously preserved a "run" of prescription books dating back to 1870. If I have any misgivings in the matter of the prescription books, it is that Leeds Central Library is proposing to preserve one from each decade to place among the city archives. It seems a pity that space could not be found for the complete file, though I commend their desire to keep at least some of them. The photograph of the interior of the pharmacy would give pleasure to older pharmacists who, until recent years, knew nothing else.

Poisons legislation

In reading the announcement (p. 259) of further poisons legislation, I was reminded afresh of the professional responsibility of the pharmacist in the execution of his daily duties. The thought also occurred that the information was more appropriate to surroundings such as those described and depicted in the article on Thackray's of Leeds than to another professional establishment I saw recently, whose windows were festooned with necklaces and studded with brooches and ear-rings—a display that seemed as remote from pharmacy as the South Sea (two words, please!) Islands. Pharmacy and dignity should go hand in hand.

BRANCH REPRESENTATIVES' MOTIONS

Text of amendments for discussion on May 17

A NUMBER of Branches of the Pharmaceutical Society have proposed amendments to the motions submitted for consideration at the Branch Representatives' meeting, London, May 17. Details are as follows:—

Leeds

1. That it is the opinion of this meeting that, where a member of Council is obliged to engage a locum, during his absence on official Council business, he should be paid the amount of the locum fee.

Amendment:—Delete "the amount of the locum fee" and insert "a fixed amount as locum fee." (*Portsmouth.*)

2. That it is the opinion of this meeting that the Pharmaceutical Society should make a definite endeavour to obtain, for its members, the sole legal responsibility for the compounding, dispensing and retail sale of all medicines for human use.

Amendment:—Delete "for human use." (*Portsmouth.*)

North Staffordshire

1. That it is the opinion of this meeting that in view of the importance of the Report of the Committee on the General Practice of Pharmacy no proposals derived from this Report should be implemented by the Council until they have been submitted to a special Branch Representatives' Meeting.

Amendment:— Delete "special Branch Representatives' Meeting" and insert "national referendum of individual pharmacists." (*Epsom.*)

2. That it is the opinion of this meeting that, to enable the Branches to fulfil their proper functions, and in view of increasing costs, the Branch grant be increased by 25 per cent.

Amendment:—Delete "the Branch grant be increased by 25 per cent." and insert "an additional grant of £15 be given to all Branches irrespective of membership size." (*Glasgow.*)

Sheffield

1. That it is the opinion of this meeting that the Society should stimulate all Branches and members to use the occasion of the Centenary of the British Pharmaceutical Conference to obtain the maximum favourable publicity for pharmacy in their areas.

Amendment:—Add "To ensure that there is uniformity throughout the country, the Council of the Society should provide some form of device for window display to be charged to the individual establishment at cost." (*Thames Valley.*)

2. That it is the opinion of this meeting that, in the interests of future members, the Society should commission the writing of suitable textbooks for the subjects included in Pharmaceutics III (The Practice of Pharmacy).

Amendment:—Add "and, furthermore, that it is the opinion of this meeting that the Society should sponsor the publication of monographs, written by accredited experts, on subjects of general interest." (*South-east Metropolitan.*)

3. That it is the opinion of this meeting that the Society should approach the Association of British Pharmaceutical Industry and request that package circulars be included in all dispensing packs of ethicals giving the pharmacological aspects of the products concerned.

Amendment:—Add "Where there are specific instructions for patients, these should be included on a separate leaflet, or on a detachable part of the leaflet giving pharmacological aspects of the product concerned." (*Exeter.*)

Wolverhampton

That it is the opinion of this meeting that the supply of medicines to the public should only be through pharmaceutical channels, and urges the Society to press for legislation to restrict the sale of medicines for human consumption, to pharmaceutical channels.

Amendment:—Delete "medicines for human consumption, to pharmaceutical channels" and insert "*all* medicines to pharmaceutical channels." (*Portsmouth.*)

The agenda is to include the motions already published and submitted by Bedfordshire, Folkestone, Southampton, Tees-side and West Hertfordshire Branches (see *C. & D.*, Jan. 10, p. 58).

IRISH REPRESENTATIVES' ASSOCIATION

Annual dinner in Dublin

SPEAKING at the annual dinner of the Irish Pharmaceutical and Medical Representatives' Association in Dublin, on March 3, the president of the Association (Mr. John J. McKenna), stated that the presence at the function of the representatives of the various pharmaceutical organisations symbolised a growing unity in the ranks of pharmacy.

"Our Association is conscious of the need for such unity, particularly in view of the new pharmaceutical legislation about to be introduced," he said, adding that they believed the Pharmaceutical Society stood in need of the active support of every facet of pharmacy, whether they were engaged in the manufacturing, research formulation, wholesale or dispensing branches of the profession. The Committee of our Association is dedicated to the welfare of pharmacy . . . and I believe I am voicing the opinion of our Committee when I say that every branch of pharmacy can contribute something towards that goal. We all have a rôle to play."

Mr. McKenna referred to an interview which members of his Association had had with the Council of the Pharmaceutical Society of Ireland, and said that various ideas put forward by them had been sympathetically received. "In addition, we are taking steps with other important bodies outside pharmacy to try to have those ideas implemented in the new Pharmacy Bill. We hope soon to be able to tell you the results of these negotiations which will lead to very considerable benefits to members and associate members." He explained that they had opened negotiations with the Irish Medical Association, and discussions to date had been extremely encouraging. The Association, he continued, would keep on trying to secure lecturers for their proposed business management course, as with the changes about to take place in the commercial world, such a course was vitally necessary.



AT REPRESENTATIVES' DINNER: Messrs. Edward Hughes (chairman of the chemists' branch, Local Government Officials' Union), R. Richmond (chairman, Wholesale Drug Federation), R. J. Power (chairman, Irish Hospital and Public Pharmacists' Association) and J. McKenna (chairman, Irish Pharmaceutical and Medical Representatives' Association) photographed at the I.P.M.R.A.'s annual dinner and smoking concert recently.

The attendance included the registrar of the Pharmaceutical Society (Mr. J. G. Coleman); the president of the Irish Drug Association (Mr. A. C. Hennessy); the president of the Wholesale Drug Federation (Mr. Richard Richmond); the president of the Irish Hospital and Public Pharmacists' Association (Mr. R. J. Power); the president of the Chemists' branch, Local Government Officials' Union (Mr. Edward Hughes).

OVERSEAS VISITS

SIR HUGH LINSTEAD, as president of the International Pharmaceutical Federation, attended the eighth Pan Arabic Congress of Pharmacy in Cairo, March 6-10. The congress was attended by about 250 representatives of Arab States including Lebanon, the Sudan, Kuwait, Tunisia and Egypt (the host country). In addition to discussions of professional subjects, about sixty scientific papers were presented and discussed, all in the English language. During the congress visits were paid to some of the Egyptian factories, including those of the Company Memphis Chemical. The opportunity of Sir Hugh's visit was taken to arrange for him to meet a number of Ministers of the Egyptian Government to discuss in particular the organisation of scientific reseach in Egypt. Among those whom he visited were the Ministers of Scientific Research, Public Health, Agriculture, Planning and Education. During his visit the desire was strongly expressed for closer relations with the British pharmaceutical industry and with schools of pharmacy in Britain. Sir Hugh is shortly leaving for the United States to attend the American Pharmaceutical Conference in Las Vegas towards the end of the month.

IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

THE second reading of the Protection of Amenity Bill was proposed by Mr. W. F. Deedes on March 9. The object of the Bill was to "stop the swamping of shop fronts, the obliteration of the identity of shops, by advertisements for the branded goods they sell." He said that in spite of the work done by the voluntary committee applying the Code of Standards for Advertising on Business Premises, vast numbers of fascias had been erected, many of which removed any distinction between traders and replaced diversity with uniform boards displaying advertisements for branded goods. He was aware that the Bill affected not only the fascia of shop premises but all forms of advertising for branded goods on business premises; that was no accident, nothing less than comprehensive legislation could be guaranteed "to do the trick." Mr. John Dugdale suggested the Bill was a step in the right direction, but there were too many loopholes at present. The voluntary code had been on trial for two years and 830 advertisements had been removed, yet many more new ones had been put up. Mr. Graham Page pointed out that he was especially concerned as the vice-president of the National Chamber of Trade, that represented about 800,000 small shopkeepers who, if the Bill were passed, would suffer severe hardship. The moment the Bill was passed about 750,000 shopkeepers would be offending against the regulations. He suggested that sometimes it was more useful that the customer should see the goods advertised on fascia boards than the name of the shopkeeper. The Bill would create enormous administrative expense and tremendous resentment among shopkeepers against their local council. It would also be a great inconvenience to shoppers. Mr. J. Allason suggested that the Bill would control advertisements inside and outside a shop and added "It is quite clear that this is going to affect pretty well every shop in the country." Mr. Geoffrey Rippon (Joint Parliamentary Secretary to the Ministry of Housing and Local Government) said advertising had been a controversial subject for many centuries. The Bill was premature, it prejudged an issue yet to be considered. The Minister of Housing was to study the results of the voluntary measures taken in dealing with clutter on business premises and discuss the problems with the local authority associations and the industry. It would be wrong to accept the Bill before it had been possible to make a fair and careful study of what had been achieved. The Bill was withdrawn.

Supplementary Vitamin Preparations

Commander Kerans asked the Minister of Health what was the National Health Service cost of orange juice, cod-liver oil and vitamin tablets in 1961 and the value of the stocks of those products. Miss Edith Pitt (Parliamentary Secretary, Ministry of Health) in a written reply on March 9 indicated that the net cost was about £486,000 and that the value of the stocks at the end of 1961 were as follows:—Bulk concentrated orange (for all United Kingdom requirements) about £1,178,000; bottled orange juice (England and Wales) £137,000; cod-liver oil £24,000; vitamin tablets £9,000.

Pronor

Mr. P. W. Holland asked the Minister of Health on March 12 if he would make the drug Pronor freely available through the National Health Service for the treatment of certain cancer conditions. Miss Pitt said the drug was only available from the private laboratory of a doctor in the United States but it could be ordered.

Toxic Chemicals in Agriculture

Viscount Hailsham informed Lord Amhurst in a written reply on March 8 that the Research Councils proposed to continue and extend their substantial fundamental research concerning the use of toxic chemicals in agriculture. The Agricultural Research Council was setting up a scientific committee under the chairmanship of Professor A. C. Fraser to keep all relevant research under review and to report progress at suitable intervals. A similar reply was made by Mr. Denzil Freeth (Parliamentary Secretary, Ministry of Science) to Mr. J. H. Osborn, in the House of Commons.

Prescription Charges

Mrs. B. Castle presented a petition signed by 810,000 old-age pensioners and others expressing the belief that the increase in prescription charges was a danger to health.

COMPANY NEWS

Previous year's figures in parentheses

JEYES' SANITARY COMPOUNDS CO., LTD. — Ordinary dividend is maintained at one shilling per 5s. share for 1961, with a final of eightpence per share. Net profit is £101,724 (£113,587) after tax of £124,775 (£148,300). General reserve receives £20,000 (£38,506) and £83,207 (£89,814) goes forward. Trading to date in 1962 has been satisfactory, it is stated.

IMPERIAL CHEMICAL INDUSTRIES, LTD., and COURTAULDS, LTD. — Imperial Chemical Industries, Ltd., closed their offer for Courtaulds, Ltd. (see *C. & D.*, February 17, p. 165), on March 12 by which time they had acquired 37 per cent. of Courtaulds Ordinary capital. No further statement was to be made by I.C.I. before March 16 when their stockholders were due to meet to approve the increase in capital.

NEWTON CHAMBERS & CO., LTD.—Final dividend is cut from 12 per cent. to 10 per cent., making a total of 18 per cent. for 1961 (20 per cent.). Group trading profit fell from £1,551,003 to £1,393,632. After depreciation and tax, the net balance is down from £618,001 to £482,674. Group turnover was a record but, it is stated, the benefit from a profit point of view was largely lost due to increased competition and higher costs which resulted in lower margins.

BUSINESS CHANGES

MR. JOSEPH B. DOWDALL, M.P.S.I., has opened a pharmacy at Dundrum Road, Dublin, Eire.

MISS M. A. FRY, M.P.S., has acquired the pharmacy of Kennards (Amersham), Ltd., Sycamore Road, Amersham, Bucks.

P. WILLIAMS (CHEMISTS), LTD., have acquired the pharmacy of Mr. James Mavor, 45 Hightown, Crewe. It is being reopened after alterations have been completed on March 12.

Appointments

ARMOUR PHARMACEUTICAL CO., LTD., Hampden Park, Eastbourne, have appointed the following medical representatives:—Mr. J. Ferguson to cover London W.1, and all teaching hospitals; Mr. C. Gilligan, counties of Cork, Carlow, Kilkenny, Waterford, Tipperary, Limerick, Kerry, Clare, Laoighis and Wexford; Mr. M. J. Griffin, counties of Donegal, Sligo, Leitrim, Mayo, Galway, Westmeath, Roscommon, Longford, Cavan, Monaghan, Louth, Meath, Kildare, Wicklow and Offaly; Mr. D. J. M. Harvey, South-west London; Mr. J. C. Lee, North Lancashire; and Mr. A. J. Salmins, South-east London.

MARRIAGES

CRILLY—O'TOOLE. — At the Church of the Most Holy Trinity, Ratoath, co. Meath, Irish Republic, recently, Joseph Crilly, M.P.S.I., Medical Hall, Ballriggan, to Kathleen O'Toole, Ratoath.

GARDNER — RENNIE. — At Cumbernauld Parish Church, Glasgow, on February 28, Victor John Gardner, M.P.S., 8c Fleming Road, Cumbernauld, to Elizabeth Paterson Fleming Rennie, Cumbernauld.

GRIFFIN—SOCKETT.—At Arksey, Doncaster, Yorks, recently, Bernard Griffin, M.P.S., 37 Cherry Bank Road, Woodseats, Sheffield, 8, to Pamela Ruth Sockett, Gleadless, Sheffield.

DEATHS

BENJAMIN. — On March 8, Mr. William Sidney Benjamin, chief pharmacist, Crawley Hospital, West Green Drive, Crawley, Sussex. Mr. Benjamin served his apprenticeship with Mr. Ernest Prebble of Prebbles, Ltd., Liverpool, and qualified in 1932. In 1935 he acted as relief manager to Timothy Whites & Taylors, Ltd., was manager, 1936-38 for Duberly & White, Ltd., Luton, and in 1938 returned to London to act as manager of one of Timothy Whites & Taylors' branches. At that time he was appointed London secretary of the Association of Pharmaceutical Employees. He later transferred to hospital pharmacy



and was appointed to the Botleys Park Hospital, nr. Woking, in which town he helped to found a branch of the Pharmaceutical Society and became its first vice-chairman and second chairman. In 1953, after a period as chief pharmacist at Putney Hospital, London, he gained the post of chief pharmacist at Lambeth Hospital, London, S.E.11. As secretary of the South-west Metropolitan Hospital Pharmacists' Committee, Mr. Benjamin was responsible for much of the success of the South-west Metropolitan hospital contracts scheme. As a member of the Confederation of Health Service Employees Mr. Benjamin served his colleagues as a member of the Whitley Council.

Mr. E. A. Cross writes:—With the death of W. S. Benjamin hospital pharmacy has lost one of its most active exponents. A strong individualist, he did not hesitate to throw his considerable energies into what he regarded as "the battle" on behalf of his colleagues, and his abilities, developed in the days before he entered hospital pharmacy, made him a formidable opponent in debate. At an early age he became interested in politics and was one of the first members of the Socialist Medical Association. He was for some years chairman of its pharmaceutical section and, before the inception of the National Health Service, was concerning himself with plans for the part that pharmacy would play in the Service. In retail pharmacy he was associated with the negotiations that led, through the formation of the Association of Pharmaceutical Employees, to the first Joint Industrial Council agreement. He was a founder member of the South-west Metropolitan Hospital Pharmacists' Committee, and was its secretary from its formation. Much of the committee's success was due to his enthusiasm and persistence during the formative years, when the many problems facing hospital pharmacists were being thrashed out. Because the committee's work increased in scope he was offered, and accepted, an appointment which combined the post of chief pharmacist at Crawley Hospital with the secretaryship of the committee.

EDWARDS. — On March 12, Mr. Alfred George Edwards, M.P.S., Pine Hill, Billington Road, Leighton Buzzard. Mr. Edwards qualified in 1922 and was formerly in business in Leighton Buzzard.

EDWARDS. — On February 6, Mr. Leonard Bertram Edwards, 8 Queens Drive, Thames Ditton, Surrey, aged seventy-three. Mr. Edwards, until he retired in 1959, was for several years secretary and director of Drug Houses of Australia Export, Ltd., 2 Norfolk Street, Strand, London, W.C.2.

LOCKWOOD.—On August 24, 1961, Mr. Harold Stephenson Lockwood, M.P.S., Taormina, Cassel Avenue, Bournemouth, aged eighty-nine.

ROPER.—On February 21, Mr. Frederick Thomas Roper, Solihora, Bradnor, Kingston, Herefords. Mr. Roper qualified as a chemist and druggist in 1899.

RUSSELL.—On March 9, Mr. C. Russell, president of the Purchasing Officers' Association. Mr. Russell, who was in the fifth month of his presidential year, was visiting Swansea to attend the annual dinner of the West Wales Branch of the P.O.A. when he died.

WEST.—On February 21, Mr. Arthur West, M.P.S., The Bungalow, High Peak Junction, Matlock, Derbys. Mr. West qualified in 1920.

MANUFACTURERS' ACTIVITIES

Contribution to Himalayan Expedition.—Pfizer, Ltd., have given medical supplies to an all-women expedition which met in Delhi on March 16 to begin an assault on hitherto unclimbed peaks in the Himalayas.

Supplies Flown to Spain. — Urgent supplies of Zarontin (ethosuximide) a drug used in the treatment of petit-mal epilepsy and as yet unobtainable in Spain, were flown by Parke, Davis & Co. to Barcelona recently for the treatment of a five-year-old Spanish boy seriously ill with the disease.

Selling Purified Water Abroad. —A mobile trans-continental demonstration laboratory has been put on the road by Elga Products, Ltd., Lane End, Bucks. The vehicle trailer equipped to show the company's range of water deionising equipment, is the third of a fleet designed to reach "any point of the globe where research is carried out." During 1962 it is scheduled to visit countries in Europe (including Scandinavia), the Near East, Soviet Russia, Australia and the U.S.A.

Stockholm Fair Exhibit. — At the British Trade Fair, Stockholm, Sweden, May 18 to June 3, the Distillers Co., Ltd., will have a two-storied stand occupying 1,950 sq. ft. ground area of which two-thirds is being devoted to displays of the company's chemical and plastics interests. In that section displays will emphasise the newer, tonnage chemicals, which D.C.L. have introduced into the export markets during the past few years, and there is to be a display of the company's latest developments in the biochemical and pharmaceutical field.

"Complete" Meals for Old Folk.—Complan "complete" food powder is being added to lunches provided twice a week by a welfare organisation for some of the old people of Ware, Herts. Organisers of the scheme, the Ware Old People's Welfare Association, have been running a home meals service for the elderly since 1954. Recently they have been delivering meals in which the sweet is served with custard containing Complan in the proportion of 2 oz. (250 calories) per meal. The lunches, priced to the old people at 1s. per meal, cost the Association 2s. 6d. each, the difference, subsidised by the Association, being met largely from regular voluntary contributions from the Ware staffs of Allen & Hanburys, Ltd.

AGRICULTURAL CHEMICALS

Recommendations for safe use

THE Ministry of Agriculture has issued recommendations for safe use in Great Britain for menazon (*S*-(4,6-diamino-1,3,5-triazin-2-yl methyl) dimethyl phosphorothiol - othionate. Its use should not present a hazard to operators, provided they observe the following precautions which should appear on the label:—

Liquid Concentrate

WEAR RUBBER GLOVES AND FACE-SHIELD when handling the concentrate.
WASH CONCENTRATE from skin or eyes immediately.
AVOID WORKING IN SPRAY MIST.
WASH HANDS AND EXPOSED SKIN before meals and after work.

Solid Ready for Use

DO NOT HANDLE the dust or granules unnecessarily.
AVOID WORKING IN DUST.
WASH HANDS AND EXPOSED SKIN before meals and after work.

The use of menazon on a non-edible crop is acceptable. Provided there is a minimum interval of three weeks between last application and harvesting, its use on the following crops should not present a hazard to consumers:—

Apples, black currants, broad beans, brussels sprouts, carrots, cherries, field beans, gooseberries, hops, lettuce, pears, plums, potatoes, strawberries and sugar beet roots. Sugar beet tops should not be fed to livestock within three weeks of last treatment. The following advice should appear on the label:—

HARMFUL TO LIVESTOCK. Keep all livestock out of treated areas for at least three weeks.
DO NOT USE ON ANIMALS.
HARMFUL TO BEES. Do not apply at flowering stage. Keep down flowering weeds.
DO NOT CONTAMINATE PONDS AND WATERWAYS with chemical or used container.
STORE TIGHTLY CLOSED in a safe place.
WASH OUT CONTAINER THOROUGHLY and dispose of safely.

Revised recommendations have been issued for demeton-methyl and the approved application rates (see *C. & D.*, May 6, 1961, p. 454) have been simplified. Provided there is a minimum interval of three weeks between last application and harvesting, except in the case of wheat and barley where there should be a minimum interval of two weeks, the use of demeton-methyl as the 70:73 thionate-thiolate mixture on any growing edible crop should not present a hazard to consumers. In the case of mangolds and fodder beet for clamping, to avoid workers' risks there should be a minimum interval of ten days between last application and harvesting; a minimum interval of three weeks should elapse before any part of a crop treated in that way is used as fodder. The compound should not be used on brassica crops after the end of October. The following precautions should appear on the label:—

HARMFUL TO LIVESTOCK. Keep all livestock out of treated areas for at least two weeks.
DO NOT USE ON ANIMALS.
HARMFUL TO BEES. Do not apply at flowering stage. Keep down flowering weeds.
HARMFUL TO WATER SUPPLIES AND FISH. Do not contaminate ponds and waterways with chemical or used container.
STORE TIGHTLY CLOSED in a safe place under lock and key.
WASH OUT CONTAINER THOROUGHLY and dispose of safely.

NEW PRODUCTS AND PACKS

Caramel-flavoured Vitamins. — Armour Pharmaceutical Co., Ltd., Hampden Park, Eastbourne, Sussex, announce the availability of their speciality Arcofac in a caramel-flavoured presentation. Each fl. oz. contains 6·8 gm. of linoleic acid with vitamin B_6 and vitamin E. Bland Arcofac continues to be available.

An Additional Strength. — Evans Medical, Ltd., Speke, Liverpool, 24, are making available from March 16 a 25-mgm. strength of Dindevan tablets in addition to the already available 10-mgm. and 50-mgm. strengths. Dindevan tablets 25-mgm. are green scored tablets embossed "Evans Medical" on the face on which the score mark appears. The 50-mgm. tablets are white scored and similarly marked; and the 10-mgm. tablets are white unscored tablets embossed "10" on one face. The 25-mgm. tablets are being made available in containers of 100 and 500.

New Junior Foods.—Three new fruit varieties are being added by Trufood, Ltd., 113 Newington Causeway, London, S.E.1, to their range of "junior" foods sold exclusively through chemists. New colours are being introduced for the labels of the foods. The new varieties are pineapple delight; fruit and rice with cherries; and mixed fruit and macaroni. Fruit and rice with cherries carries a red and light blue label, the other two varieties are banded in red and yellow. The pack is a glass jar, which is sealed with a vapour vacuum cap.

Non-aspirin "Junior" Analgesic. — Described as "a new type of junior analgesic," An-jel, launched by Moore Medicinal Products, Ltd., 64 Gloucester Place, London, W.1, is claimed to have marked advantages over other junior analgesics. It is "highly effective, easily administered, and has no harmful side-effects." An-jel contains phenacetin and salicylamide, plus calcium phosphate as a mild antacid. As a ready-made smooth jelly, pleasantly flavoured, An-jel presents no difficulties of administration. The correct dosage is easily measured from the tube into a spoon or on to the child's clean finger. An-jel is now nationally advertised.

"Chemists Only" Dog Food.—After a successful launching in Northern Ireland, Snap dog and puppy food is being marketed in Britain by Windsor Foods, Ltd., 64 High Street, Lurgan, Northern Ireland. The food, which is being marketed solely through chemists, contains meat, 62 per cent.; tripe, 28 per cent.; and liver, 7 per cent.; with 3 per cent. flour. Professor A. N. Worden, M.A., F.R.I.C. (Nutritional Research Unit, Huntingdon), commented after analysing the product: "This product is rich in vitamins and other dietary essentials." Snap is sent out in case of forty-eight 8-oz. tins.





Snap all-meat dog and puppy food (Windsor Foods, Ltd.), and Aero puff-on dry shampoo (International Laboratories, Ltd.).

"Fragrant Flower-Pot." — For the coming of May, Coty (England), Ltd., 3 Stratford Place, London, W.1, have added a novelty pack to their Muguet



des Bois perfume range. The "fragrant flower-pot" has an economy-size bottle of Muguet eau de toilette among sprigs of lily-of-the-valley in a miniature plant pot, all wrapped and bow-tied.

New Shampoos. — Fields of Bond Street (Aspro-Nicholas, Ltd.), Slough, Bucks, are introducing perfumed shampoos into the Camellia range of toiletries. The display outer holds 3 doz. sachets of shampoo, a dozen in each fragrance (French flowers, French moss and French pink). Introduction of the shampoos is being heavily publicised in women's magazines and in the *Daily Mirror*.



A New Dry Shampoo.—International Laboratories, Ltd., Chessington, Surrey, are launching their new Aero dry shampoo with heavy Press advertising on March 18. The pack is a printed polythene squeeze bottle with side-spray vent for ease of application and "capillary" tube for ease of flow. The powder is formulated to absorb quickly and brush out easily.

Products for the Hair. — Alberto-Culver Co., Illinois (distributors: J. C. Gambles & Co., Ltd., 209 Blackfriars Road, London, S.E.1), are marketing in



Britain a number of products for the hair which they have been selling successfully in the United States for many years. VO5 hair spray has been on sale in Britain for six months. A new product, VO5 hair dressing and conditioner, is available in a 1½-oz. tube and in two types, regular and blue for grey or white hair. "Get Set" once-a-week hair-setting lotion is available in an 8-oz. spray-pump bottle. Both products are being advertised on television.

Cleaning Pads for Men.—The manufacturers of Quickies face-cleansing pads (distributors Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1) are launching this summer a new product, Travelfresh for men, presenting seventeen pads, each 3 in. in diameter, in a tin with the stitched-leather appearance of a stud box. The pads are soaked in a Cologne that "leaves a clean, instant-after-shave feeling." A counter display holds 1 doz. The product is being widely advertised from early June.

Skin Care Preparations. — A new series of skin-care preparations launched by Max Factor, Hollywood and London (Sales), Ltd., 16 Old Bond Street, London, W.1, has been formulated "to meet the beauty needs of women with a normal skin who want to keep it that way as long as possible," and women with dry or oily,



Max Factor's new skin-care products: Morning treatment for dry skins lacking oil: double-action cleansing cream (a light, water-soluble cleanser); "Secret Key" balancing lotion; and Factobase Nourrissante (protection and nourishment under normal make-up).

delicate or sensitive skin, who have been looking for a specialised group of cosmetics to cope with their individual needs. There are also preparations for special purposes, including a "fresh beauty" moisture mask.

Perfume to Link With Film.—Jabley, Ltd., 145 Turnpike Lane, London, N.8, have launched a new perfume, Flower Drum, "created to capture the glamour and beauty of Nancy Kwan, star of Rodgers and Hammerstein's film 'Flower Drum Song.'" The bottle has a red design fired into the glass, and a gold cap, and is carried in a pearl white carton printed in Chinese Red with bars of music from the theme song "Enjoy Being a Girl."

Deodoriser "Tree."—New from the United States, a "magic tree" deodoriser, supplied in a flat transparent envelope, size 6 by 3 in., has a pine odour that lasts for months, "killing odours instantly in bathrooms, kitchens and cupboards." It has manifold uses in the home, in caravans and in cars. No liquids, no crystals to spill, is the slogan of the distributors, Car-Freshner Corporation (David Franklin, Ltd.), 3 Grosvenor Road, Ilford, Essex.

TRADE NOTES

Sole Agents.—Butler & Crispe, Ltd., 80 Clerkenwell Road, London, E.C.1, are sole agents for Carmichael's cuticle cream, which is now being marketed in a new pack.

Closed for Stocktaking.—J. H. Haywood, Ltd., Warser Gate, Nottingham, will be closed for stocktaking on March 30 and 31 except for emergency orders. Normal deliveries are being resumed on April 2.

An Address Corrected. — Medopharma, Ltd., are established at 158 Tooting High Street, London, S.W.17, and not as stated in the company's advertisement in the *C. & D.* of February 10.

Prices Maintained.—PHILIPS ELECTRICAL, LTD., have received an assurance from Tesco Stores, Ltd., that their products will not be sold in any Tesco store other than at maker's list prices.—PIFCO, LTD., Watling Street, Manchester, 4, remind all wholesalers and retailers that their goods are sold upon condition that they will not be re-sold except at standard list prices. The company declare that they have every intention of maintaining retail prices in accordance with the law and that they propose to take legal remedy wherever their products are sold at cut prices.

Pine Bath Tablets.—Ravika, Ltd., 64 Aldermanbury, London, E.C.2, sole representatives in the United Kingdom for Pino A.G., Freudenstadt, West Germany, have recently effected considerable reductions in the prices of their Black Forest "natural sparkling" pine-needle bath tablets in packs of three and five. Companion lines are Silvapin pine-needle bath milk, foam slimming bath (pine-needle or lavender), lavender bath tablets, pine-needle bath soap, pine-spirit embrocation and crude medicinal pine-needle bath extract.

Italian Nail and Lip Cosmetics.—The Italian-made Misslyn range of nail varnish, nail varnish remover and two lipsticks is distributed in Britain by George Spencer & Son, Ltd., Kynance Place, Gloucester Road, London, S.W.7. The nail-varnish pack is unique in containing at the top a free sample of lipstick in matching colour. Another unique feature is that three metal balls are enclosed in each bottle of nail varnish so that there is no possibility of the varnish clogging. Sixty shades are available.

Assistant Wins £500.—Mr. R. Sanderson, a chemists' assistant who lives at South Shields, co. Durham, won first prize (£500) recently in a Royal wines "Party Success" competition organised by Whiteway's Cyder Co., Ltd., Whimple, nr. Exeter, Devon. Mr. Sanderson, who works in the shop of Darke & Co., Chemists, South Frederick Street, South Shields, bought the wine from another chemist (B. Drake, Ltd.), who won a retail trade prize of £250 for selling Mr. Sanderson the bottle which gave him the cap foil to send in with his winning entry.

Arrangements for Distribution.—Since March 1, Evans Medical, Ltd., Speke, Liverpool, 24, have been responsible for distributing throughout the pharmaceutical trade the products listed in the retail price list of Murphy Chemical Co., Ltd., Wheathampstead, Herts. The Murphy advisory service operates through the Evans Medical representatives. Currently being offered is a special pack containing fourteen products (one duplicated) together with a wire counter display stand (as illustrated).



Straw-hat Offer to Customers. — The makers of Bristow's lanolin shampoo announce a spring consumer offer of a Swiss straw hat (available to the trade from March 5 until April 6 for 10s. 3d.). The offer is backed by a whole page advertisement in the April 7 edition of *Woman,* and full details are being given at the end of March on Radio Luxembourg. A formal counter "dispenser" with headboard showing the Swiss hat and giving details of the offer, has been designed especially for chemists. Prices are clearly marked for the full range of Bristow's shampoos. A "tumble" display with large headboard shows the hat and incorporates a leaflet holder which is available for placing on the counter. All the units are available direct from the manufacturers or their representatives.

Contest for Dog-owners. — To promote sales of their mixed ovals dog biscuits this spring, Spratt's Patent, Ltd., 41 Bow Road, London, E.1, announce a competition in which competitors are being asked to match dog-paw prints illustrated on the entry form against photographs of different dog breeds. The first prize is an oil painting of the winner's dog by a famous artist with the alternative of £210 in cash, and there are five second prizes of pastel drawings of competitors' dogs or £26 5s. in cash; twenty third prizes; and fifty fourth prizes. All entries have to be accompanied by the Spratt's dog symbol cut from one large or two small packets of mixed ovals and the name and address of the retailer concerned. The retailer who sells to the winning customer receives a prize of £50 and the supplier of the second prize winner receives £5. Closing date for the competition is June 30.

Bonus Offers

ALBERTO-CULVER CO. (distributors: J. C. Gambles & Co., Ltd., 209 Blackfriars Road, London, S.E.1). VO5 hair dressing and conditioner. Twelve invoiced as eleven. Until April 15. "Get Set" hair-setting lotion. Twelve invoiced as eleven. Until April 30.

ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2. Haliborange. Twelve invoiced as eleven on order for 2 doz. or more (complete dozens). Carriage paid. Till June 2.

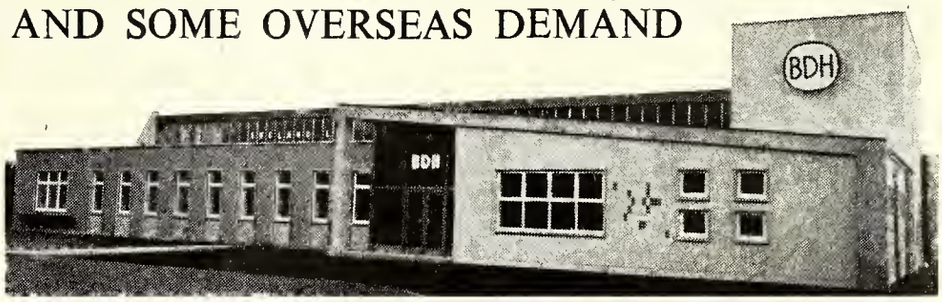
PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, Essex. Thirteen invoiced as twelve on container of ten Avomine tablets and 1-oz. tubes of Anthisan and Antical creams. Until July 28 (from that date a similar bonus will be introduced for Brolene eye ointment, until further notice, corresponding with the bonus already applicable to 1-oz. tubes of M. & B. antiseptic (propamidine) cream. Bonus terms for Planidets lozenges and 2½-oz. size Zephrol cough syrup are withdrawn.



PRODUCTS AND SHOW MATERIAL: Misslyn lipsticks, nail varnish and remover with showcard mainly in red, white and black, and (at right) cut-out shade card.

Minister Opens New B.D.H. Factory in Dublin

CATERING FOR HOME AND SOME OVERSEAS DEMAND



IN the presence of a representative and distinguished gathering of members of the medical and pharmaceutical professions, and of the wholesale and manufacturing trade, the new £50,000 factory and office buildings of B.D.H. (Ireland), Ltd., were formally opened by the Minister for Justice (Mr. Haughey), at Santry Avenue, Dublin, on February 19. The buildings, designed on the most modern lines, are equipped with the latest plant for the manufacture of tablets, ointments and liquid medicaments, and the intention is to extend the range of products as quickly as possible. The new factory will supply the demands of many foreign importers as well as the Irish market. Already orders have been received from the parent company in Great Britain for certain products that can be manufactured more economically in the Republic.



Mr. W. P. Mullen





Mr. Charles Haughey, T.D. (Minister for Justice) sets the machinery in motion at the official opening. With him (left) is Mr. G. F. Williams (managing director, B.D.H., Ltd., and chairman, B.D.H. (Ireland), Ltd.).

Welcoming the guests, the chairman of B.D.H. (Ireland), Ltd., and managing director of The British Drug Houses, Ltd., Great Britain (Mr. G. F. Williams), said he hoped they would all agree that the new, modern factory did great credit to all who had been responsible for its design and erection, particularly to the architect (Mr. W. M. O'Dwyer); to the contractors (McLaughlin & Harvey, Ltd.), and to the general manager (Mr. W. P. Mullen) whose dream it had been for many years to see B.D.H. operate in Ireland as an Irish company, and manufacturing in its own factory, with Irish labour and, so far as possible, from Irish materials, products for sale both in Ireland and overseas.



In connection with the opening of their new premises the directors provided a sum of money for an art competition, the winner to execute a mural (see above) in the entrance hall of the factory. The winner was Miss Una Craddock, a pupil of the National College of Art, Dublin, who is seen receiving her cheque for £105 from Mr. G. F. Williams (chairman of the company). At right is Mr. Maurice MacGonigal, R.H.A. (professor of arts, National College of Art).

Mr. Williams mentioned that the parent company was just over fifty years old, but that the companies which had come together to form it had been making and selling medicines since the middle of the eighteenth century. It now had associated companies in seven countries. Ireland was the youngest child in the family, but it had the distinction of being the only one that had





CHURCH AND STATE: Left, The Very Rev. B. Brady, P.P., at the blessing of the new factory. Right, Mr. Charles Haughey, T.D. (Minister for Justice) addresses the gathering at the official opening.

started off from the beginning as a manufacturing company instead of following the more normal practice of establishing a selling company or branch before entering on manufacture.

"Over the years," continued Mr. Williams, "B.D.H. has developed a tradition. I will not claim that our way is the best, or the only way to conduct a pharmaceutical business. Some of our competitors have expanded in a more spectacular fashion. We have always believed that, in the manufacture of pharmaceutical products, there is only one standard we could work to, and that is the highest we know. We have always believed that, in selling a product for use in medicine only the truth will do, neither concealing weaknesses nor over-claiming merits." That was the policy of B.D.H. in Ireland as in the whole organisation. At the heart of B.D.H. was one of the finest research departments of its kind in the world, and supplementing it they had recently entered into an agreement with Mead Johnson & Co., a great American firm spending more than $6 millions a year on research. Products discovered by Mead Johnson would be made available to B.D.H. companies, including B.D.H. Ireland.

Mr. Haughey, who declared the factory open by pressing the button of a tablet-making machine, said he was delighted to see the new factory getting under way. A company that invested its capital in such a new venture was affirming its faith in the country's future, as well as in its own ability to meet the greatest challenge Irish industry had ever had to face. He hoped that other industrialists would be encouraged by the company's decisions.

"I was agreeably surprised to note," said the Minister, "that The British Drug Houses, Ltd., were among the first producers of insulin, and all the happier on that account that the factory has been erected in my constituency."

Mr. Mullen (general manager and a director) said it was a source of great satisfaction and encouragement to have the goodwill and blessing of Church and State in the new venture. "We of B.D.H. (Ireland), Ltd., are confident of contributing a not inconsiderable share in increasing the general level of industrial output, with a commensurate gain in employment."

After the premises had been blessed by Very Rev. Bernard Brady, P.P., Larkhill, the guests made a tour of the factory, and were then entertained to a cocktail party by the proprietors. The attendance included the vice-president of the Pharmaceutical Society of Ireland (Mr. T. B. O'Sullivan); the registrar (Mr. J. G. Coleman); the president of the Irish Drug Association (Mr. A. C. Hennessy); the secretary (Mr. Brendan Smith); and the president of the Irish Pharmaceutical and Medical Representatives' Association (Mr. John J. McKenna).

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Not Interested

SIR,—I'm afraid that I cannot agree with your correspondent "En Avant" (*C. & D.*, March 10, p. 274) about Izal's interest in maintaining the price of their toilet rolls. A year ago I reported to the company that supermarkets were selling the soft tissue 1s. 3d. for 10d. along with other reduced Izal lines. They were not a bit interested, and said that the price reduction was possibly only temporary. I can only say that the temporary reduction is still in force.

AJAX

Who Supplies ?

SIR,—Further to the letter of En Avant (*C. & D.*, March 10, p. 274), practically every grocer in Scarborough is giving away free one shilling bottle of Zal disinfectant with every two rolls of Izal soft toilet paper sold. That offer is advertised in the local paper. The grocers are members of a bulk buying organisation known as B.O.B. Could En Avant suggest who supplies these one shilling bottles of Zal to give away?

SCARBORIAN

Drug Price Reductions

SIR,—It is disturbing to find the so-called "ethical" firms of Pfizer and Lederle making price reductions with an initial loss of stockists. Will all Scottish chemists note that Terramycin and Achromycin price reductions will be applied to *April* prescriptions. Any stocks of those preparations on hand at March 31 will mean financial loss for the Scottish chemist.

ALEX. MCWILLIAM,
East Kilbride, Lanarks

The Common Market

SIR,—With reference to the Common Market, it is interesting to note that one section of pharmacy in this country has decided not to let the "grass grow under its feet." The "Co-operatives" are joining the European Union of Social, Mutual and Co-operative Pharmacies. It will have two seats on the management committee, and will be entitled to nominate for one of the two vice-presidents. With reference to pharmacy in general, it is also interesting to note the suggested programme, which envisages the abolition of discriminations based on nationality which restrict access to numerous activities; the free movement of workers, the right of free establishment and of offering services freely, the free movement of capital by the end of 1965 for retail distribution, department stores; by the end of 1967 for pharmacies (*chemists*), transport, etc.

MERVYN MADGE,
Plymouth

Repudiated

SIR,—We the undersigned enclose a transcript of a B.B.C. broadcast on the home service at 6.35 p.m. on March 8. We feel that such misrepresentation of facts is against your and our interests, and we urge you to do all that you possibly can to repudiate this broadcast, which never should have been permitted.

TURNER BELL; W. A. POWER;
S. WALTON; A. WILCOX;
L. S. RAY; J. REED;
T. DARKE; W. M. DARLING;
G. H. EALES

[The broadcast was presumably in that part of the Home Service programme that presents local news in the north-eastern area. It took the form of an interview with Mr. Sidney Curry, the "man behind" Chinacraft, a cut-price store in South Shields. The transcript reveals little real information and no coherent and intelligible theme. We deplore such broadcasts, the only effect of which seems to be to leave a vague (and untrue) impression of a heroic David facing a powerful Goliath. — EDITOR.]

"A Place for Comment"

SIR,—The letter from Mr. Wm. R. Roberts (chief inspector of the Pharmaceutical Society) (*C. & D.*, March 10, p. 274) reveals once again our headquarters' ignorance of the true feelings of the mass of registered retail pharmacists. A year or so ago a fellow-member received a visit from one of these inspectors, to whom he sold (quite wrongly of course) one 15-gm. tube of 0·5 per cent. hydrocortisone cream. He was brought before a local magistrate and fined £75, despite the fact that the offence was technical only—the amount of hydrocortisone involved in such a preparation would not hurt a fly!

C. H. PATRICK,
Twyford, Berks

Not in Malice

SIR,—May I be allowed to reply to our chief inspector, Mr. R. Roberts (*C. & D.*, March 10, p. 274). A copy of the letter which I sent to the *C. & D.*, was on the same day sent to the Pharmaceutical Society. At no time since then have I received any comment or reply from them, though the Editor of the *C. & D.* telephoned me from London to check one or two points in the letter. I will admit that the letter was written in anger, but not in malice as Mr. Roberts would suggest. I believed then, and still do, that the report *as published* brought no credit or respect upon the Society or its members. That Mr. Roberts and his colleagues have an onerous duty to perform and that they do this with integrity is beyond dispute, but I cannot be convinced that the system of "*agent provocateur*" brings any credit to any of us and, in the case in question, regardless of the seriousness of the offence, the facts as briefly reported in the public Press bring even less credit than usual. If, as would appear from Mr. Roberts' letter, there are

other factors involved, then the Society should find a better method of presenting them in the public Press, because I presume that one of the reasons for giving these cases wide publicity is to use them as a deterrent to others. No one can condone law breaking, but in the past year or so we have seen an enormous increase in the severity of sentences imposed. In our mad rush towards the new utopia of "status" let us not destroy ourselves in a bloodbath of righteousness.

R. HINDHAUGH
Ashington, Northumberland

What Prospects?

SIR,—With the extensive cut, both in numbers of prescriptions owing to the 2s. imposition, and in loss of revenue from the severe oncost cut, it looks likely that I shall shortly be seeking a managership. Can I be enlightened as to the prospects? Are proprietor pharmacists bearing the brunt of the £6–8 a week cut on their own, or is there a general tendency to reduce correspondingly the manager's wages? Also are locums still demanding their same heavy fee? I dare not say too much on that subject, as two years ago I was accused of demanding subsidised holidays, whereas all I wanted was a little holiday money left after paying locum's expenses. I understand that we are fighting for a professional fee, but I can't hear any fighting going on. Knowing the activity of the majority of our "clan" I suppose a typical reply to this letter will be—if you're not satisfied, get a job as a locum.

JOHN S. JONES,
Castle Gresley

Insidious Impositions

SIR,—We view with great concern the way in which the Ministry is now consolidating its strengthened position in its negotiations with the Central N.H.S. (Chemist Contractors) Committee, as regards:—

1. Separate contracts for individual partners or directors of a limited company, and the proposed withdrawal of the authority given in ECN 103 (1952). Strong protests will not be adequate.

2. Agreed basic packs for proprietary preparations. Far from agreeing to a further investigation, the Committee should be strong enough to refuse this, and should in our opinion notify the Ministry that, in view of the imposition of reduced oncost, no basic packs can in future be accepted as having been agreed.

3. Drug-testing scheme.—The extension of this to proprietaries is worded in such a way as to form a deliberate insult to our professional status, and should be resisted absolutely. It should be made clear to the Ministry that, if it wishes to test proprietary preparations, the outcome of such tests should lie beween them and the manufacturer, and only if the contractor were allowed to supply the brand he thinks suitable (e.g. in the case of preparations ordered by their open names) could he be held responsible for the constitution of the preparation supplied. It has long been our contention that it is the chemist's place to decide which are the best brands of medicament to supply, not the doctor's. The training of the pharmacist is adequate to enable him to make this decision.

4. It should be literally impossible for any prescription to have a "priced-out value" of less than 2s., and the Committee should press most strongly for a minimum total payment of 2s. for any prescription, as an interim measure before the payment of a fair and reasonable dispensing fee is agreed. After all, before the 1939–45 War the least the public expected, or were asked to pay for any prescription was 1s. 6d. at present day comparable prices this would be at least 6s.

For goodness' sake, don't let the Ministry get away with any more impositions. We would also urge that the J.I.C. agreement on salaries for pharmacists should be reviewed as a matter of urgency, and put on a more realistic basis. We can hardly expect the Ministry to pay a reasonable living wage to chemists, when their own wage agreement bears no relationship to the actual salaries being paid presently to managers.

I. G. GLENTON,
R. GLENTON & SON, LTD.,
Evington, Leicester



"SHALL I WRAP IT, OR WILL YOU USE IT HERE?"

So Much For Professionalism

SIR,—Any pharmacist who imagines that he is regarded by the public or officialdom as a professional man may be interested in three experiences I had last week. One morning I asked a mistress from a not very expensive girls' school if any of her pupils might be interested in taking up pharmacy as a career. Her answer was "Several of our young ladies take up nursing—but *never* pharmacy." The scorn with which she uttered that last word shrank me by at least 2 ft. I then started filling in a Board of Trade census form (several of your readers have no doubt seen it). It includes the following question: "Are you engaged in baking, dispensing of medicines or cutting-out or making-up of clothing?" But what finished me off altogether was when an old friend said, "Why don't you sell your chemist's shop and buy a restaurant?" After the two previous incidents the implication was not lost. Good luck to the everlasting fight for professional recognition; but in spite of university education, disciplinary commttees and all the other trappings of professionalism, so long as the English caste system remains as it is, pharmacy will always be classed as definitely non-U.

KROKODIL

Election Support Solicited

SIR,—At the annual meeting of the Bradford Branch of the National Pharmaceutical Union we did not have any of our local members submitting their name as representative for the North-eastern division 2 in the triennial election of the N.P.U. Executive Committee. The majority of members present expressed the view that we should support Mr. T. Heseltine, who has served this area so faithfully in the past. The Committee members of the Bradford Branch seek support for Mr. T. Heseltine in the coming election.

B. MOSS, *Chairman*
J. A. GRAY, *Secretary*

SIR,—The chairman and committee of the Liverpool Branch of the National Pharmaceutical Union are unanimously supporting the nomination of Mr. W. J. Tristram in the present election. Mr. Tristram has given many years of valuable service and we feel that his knowledge and experience in so many aspects of pharmacy are vital to the N.P.U. Executive Committee at this extremely critical stage of its existence. It is imperative at this time to have the services of experienced committee members.

J. C. LEIGH,
Secretary

SIR,—The pharmaceutical neighbours of Allen Aldington solicit support for him in the forthcoming National Pharmaceutical Union elections. As a pharmacist in general practice he suffers the disappointments of us all, but for many years he has applied himself with initiative and vigour to the task of improving the status of pharmacy in this country. He is young enough to continue this work and we believe that in such colleagues lies our strength.

J. S. GRANT, *Chairman,*
North Metropolitan Branch of the
Pharmaceutical Society
E. G. ARMSTRONG, *Chairman,*
North Metropolitan Branch of the
National Pharmaceutical Union

SIR,—I should be grateful if you would allow me the courtesy of your columns to support a candidate from Surrey, Mr. J. C. N. Wilford, in the forthcoming election of members of the N.P.U. Executive. Mr. Wilford is the proprietor of a single pharmacy at Thames Ditton, in which he has been personally engaged for the past eleven years, and in consequence has first-hand experience of the problems of the "small man." He has been an active worker in pharmaceutical affairs and is a member of the Surrey Pharmaceutical Committee. He is a man of sound judgment and is well known south of the Thames for his courage and tenacity of purpose. I strongly recommend his candidature to all voters in the Metropolitan Division.

VERNON C. R. GUDE, *Chairman,*
Surrey Pharmaceutical Committee

BRANCH AND ASSOCIATION EVENTS

SWANSEA AND W. GLAMORGAN

Party and Hospital Tour

THE third annual cocktail party of the Swansea and West Glamorgan Branch of the Society was held in Swansea on February 14. Members and guests present, including visitors from the Carmarthenshire Branch, totalled 129. On February 18 members of the Branch Committee were taken on a conducted tour of the completed first phase of the new Singleton Park hospital, Swansea. Their guide was the chief pharmacist, Swansea General hospital (Mr. Gordon Lennox).

SURREY GOLFERS

Dinner and Dance

LED by captain-elect Mr. George Penman and Mrs. Penman, 130 members and guests of South London and Surrey Pharmacists' Golfing Society teed off to another grand evening at Cobbs banqueting suite, Sydenham, on March 7. Diners and dancers had been promised an informal occasion by the club secretary (Mr. George Philp) and his committee. In jocular vein Mr. Penman rendered the only speech of the evening, expressing members' thanks to the ladies "for all those Wednesdays off during the past year"—with the "sly hope of a few more off" in the coming one. The convivial atmosphere persisted on the dance floor, being most evident in the performance of "the twist"—writhed to the strains (musical) of Bert Frost and The Artistes.

CHESTERFIELD

Two Sessions on Practice Report

GUEST speaker at a meeting of Chesterfield and District Branch of the Pharmaceutical Society on February 14 was Mr. J. Farrer Barnes (a member of Council). Talking as a retail pharmacist, he gave his views on the report of the Committee on the General Practice of Pharmacy. Mr. Farrer Barnes complimented the Branch on being the only one, so far as he was aware, to have arranged two meetings for discussion of the report. The discussion that followed covered in particular advertising, unification of pharmacy, registration of premises as a means of limitation, and bodies corporate. There was a general feeling that many of the findings in the report would be economically impracticable unless limitation or grouping of pharmacies and better terms of contract under the National Health Service compensated for the loss in revenue if the report as envisaged became operative.

READING

Encouraging Colour Photography

ON February 8, members of Reading Branch of the Pharmaceutical Society held a "photographic evening" at which Mr. Cecil Blay, F.R.P.S., F.P.S.A., F.R.S.A., gave a talk on colour photography. He said that so much had been written about the subject that the newcomer tended to be confused and puzzled, although colour photography was easy. Pharmacists could help such customers by introducing them to a simple camera and by helping to ensure the success of their first attempts by recommending them to limit their picture making to standard conditions using one aperture and shutter speed. Once experience had been gained the amateur could progress to more difficult lighting conditions. Mr. Blay believed that colour photography was the "folk art of today." After the address members' colour slides were shown. Prizes were awarded for the two winning ones, which were judged by Mr. Blay.

LANCASTER AND MORECAMBE

Research a Wonderful Investment

THAT provision might be made in the new Lancaster University for a faculty of pharmacy was indicated in a message from the mayor of Morecambe, read at the annual dinner and dance of Lancaster, Morecambe District and Westmorland Branch of the Pharmaceutical Society on February 7. Mr. J. D. Bellis (Branch chairman) expressed the hope that the new university would cater for medicine and pharmacology. Wherever pharmacy was practised, he stated, it had one aim and ultimate ideal, the alleviation of suffering and elimination of disease. Pharmacists and members of the medical procession had been heartened by the recent announcement that the British pharmaceutical industry had spent £7 millions on research in 1960. Mr. Bellis described that as "a wonderful investment for the future" and a real contribution toward the welfare of another generation.

EXETER

Annual Dinner and Dance

MR. H. S. Grainger (president of the Pharmaceutical Society) said at the dinner and dance of the Exeter Branch on February 7 that pharmacists had been under fire from the Government and had taken a heavy "kick in the pants" in the last twelve months. There was a failure to recruit men into the profession (the Government had admitted a 20 per cent. deficiency) because of insufficient incentive, and an improved salary structure in the hospital pharmacy service was long overdue. Mr. Grainger was replying to the toast "The Pharmaceutical Society." Earlier, Dr. D. A. Lewtas, who had proposed the toast, had stated that if the Health Service was to be kept at a high pitch of efficiency the Minister must pay sympathetic attention to the reasonable demands of what might easily become a discontented profession. Among the 135 guests present were the chairmen of the Torquay and Plymouth Branches of the Society together with members of those branches. In welcoming his guests, Mr. R. C. Crisp (Exeter Branch chairman) presented a cheque for £26 5s. to Mr. Grainger for the Pharmaceutical Society's Benevolent Fund.

EDINBURGH AND S.E. SCOTTISH

U.S.A. Through a Viewfinder

MEMBERS of the Edinburgh and South-east Scottish Branch of the Pharmaceutical Society recently heard Mr. S. Nazarali (a pharmacy student of the Heriot-Watt College) give a talk on "America as Portrayed by my Camera." He illustrated his address with a series of coloured slides he had taken during his visit to that country. Mr. Nazarali explained that, under the auspices of an American organisation called "The Experiment Ambassador Scholarship Program," students were enabled to visit the United States. Among the institutions he had visited was the U.S. Agricultural Research Department at which he heard of some of the difficulties of hormone extraction. A large collection of American honey samples was there on permanent exhibition. Visits to pharmaceutical firms were to him rather disappointing, said Mr. Nazarali, since the guides gave more statistics than details of pharmaceutical processes. At one factory he was surprised to see that most of the tablet machines had been manufactured in Liverpool. The speaker also outlined how the drug store handled and dispensed prescriptions. He showed examples, saying it was a common practice to state the name of the medicament on the bottle.



EDINBURGH CHEMIST GOLFERS' DANCE: The captain (Mr. J. W. Erasmuson) of the Edinburgh Chemists' Golf Club with Mrs. Erasmuson, members of committee and guests at the club's dance in Edinburgh on February 21.

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Shop Hours Confusion

POSSIBLY no other recent Act of Parliament has been so maligned as the Shops Act, 1950. Introduced to solve many shopkeeping problems, it has given rise to almost as many in its interpretation. Nevertheless, the Government has not shown any real enthusiasm for amending sections that have caused and are causing difficulties.

There is no doubt whatever that sooner or later the whole legislation will have to be revised in the light of current experience. Meanwhile many in the distributive trades are looking carefully at the present legislation to see whether it can be adapted (or got round) in response to pressures usually from two directions.

On the one hand there is the increasing difficulty throughout retail distribution of recruiting personnel for an occupation that has the built-in disadvantage of a 5½-day week, Saturday working and late evening duties. From the other direction the larger organisations, trying to increase their turnover, are looking carefully at the outcome of the numerous experiments now being carried out, such as late night opening and the employment of part-time staff, etc., by venturesome competitors. One of the large food distributing companies claims that a five-day week involving the complete closing of its shops on Mondays has been extremely successful, especially when combined with a late closing hour on Friday night. The company is, however, able to extend its experiment only to those districts in which the local authority has not stipulated a half-day on which shops shall close, for at present shopkeepers must close either on the half-day laid down by the local authority or alternatively on Saturday afternoon. The same section of the Shops Act is also preventing a clothing company from opening six days a week while operating a five-day week for its staff. Attempts are being made by the company in question to take advantage of another section of the Act, whereby shopkeepers who are bound by local-authority orders to close either on Saturday or on a certain half-day may demand a change in the arrangement. Before agreeing, the local authority must be satisfied that a majority of traders in the area approve, and that is where the independent chemists, and other "small" traders, must make sure that their views are known.

Much of the demand for the extension of shopping hours is said to come from the public. The late-night experiment in London's Regent Street got off to an extremely slow start, and it was some time before the public saw the advantage and made Thursday night a shopping spree. It is now an extremely remunerative time for the shops in the area. However, that type of activity has but a limited application. It must be borne in mind that, in over half of the retail shops of this country, no more than two assistants are employed, and only one shop in eight employs more than seven persons. Retail trade in general could not exist, moreover, without the help of the married woman employee. Questions of that kind are receiving close attention from those faced with shortages of staff and falling turnover.

"General-practice" pharmacy has not only to face such problems but also to meet forensic demands not shared by traders in general. Nevertheless, all pharmaceutical chemists engaged in retail practice must make themselves aware of local activities in these matters, whatever the complexity of the problems, if they are not suddenly to find themselves at an additional disadvantage *vis-à-vis* their competitors.

It would be more acceptable to the public, retailers and their employees alike for the Government really to get down to the many Shops Act problems and to produce amending legislation, instead of leaving the problems to be solved by a few—and created for others—by such devices as steering through loopholes in the present legislation.

The Physicians Condemn Smoking

PROBLEMS of habituation and addiction to drugs come regularly within the ambit of the pharmacist, especially when, as with smoking, other drugs are in demand for overcoming the addiction. It is therefore apposite to refer to the recent report of the Royal College of Physicians, "Smoking and Health" (Pitman Medical Publishing Co., Ltd., price 5s.), which assesses the evidence about the relationship of smoking and health. The report also, as the Minister of Health stated in the House of Commons on March 12, "demonstrates authoritatively and crushingly the connection between smoking and lung cancer and the more general hazards to health of smoking." The authors of the report demand Government action to curb the rising consumption of tobacco, especially cigarettes, and suggests increased education of the public about the hazards of smoking; the restriction of tobacco advertisements; wider restriction of smoking in public places; higher taxation; disclosure of the tar and nicotine contents of smoke of cigarettes; and the organisation of anti-smoking clinics.

The Minister has reacted quickly to the recommendations made in the report by asking local councils and local health authorities to use all their channels of health education to make the conclusions of the report widely known, as well as to bring home to the public the dangers to health of smoking, particularly of cigarettes. Representatives of the tobacco industry hold that the committee has presented an incomplete assessment of the problems. They stress the need for far more intensive research.

What is to be the position of the pharmacist in this controversy? It would appear that in many situations he will have to make a twofold decision—a personal one if he is a smoker, and a professional one if approached for his advice. Skilled appraisal of his customer may also have to be matched by skill in assessing the spate of anti-smoking products that is almost certain to be forthcoming.

"OPEN SHOP"

An unscripted commentary on the special problems of the pharmacist in retail pharmacy

E. C. TENNER

IT was once said by a foreigner that the English people are only free during the election of Members of Parliament: so soon as those are elected the people become slaves, they are nothing. In the brief moments of their liberty the use made of it fully deserves that it should be lost. That indictment, true or false, comes too readily to pharmaceutical minds during the months of March, April and May, the pharmaceutical election season. Read the bald statement again, but for English people read pharmacists and for Members of Parliament substitute members of Council of the Pharmaceutical Society and members of the National Pharmaceutical Union Executive.

Confidence or Apathy?

The published nominations for the N.P.U. Executive Committee elections show that, in nine out of the sixteen divisions, there will be no elections, as in those nine the one nominee is unopposed. Is that a mark of confidence in the policies of the Executive Committee? Or is it the result of apathy? Surely it cannot be apathy in this period which has seen, to say the least, widespread interest and unwelcome changes in the chemist's Health Service remuneration. Had Mr. Graham not been a leading negotiator in the recent dealings with the Minister of Health, would he still be opposed in North-eastern Division 1? Whether or not it is a sign of confidence in the Executive, I am sure the lack of opposition in those nine divisions is not a sign of vigorous life in the N.P.U.; only a heavy poll in the seven elections could be that. What will be the score in the wider pharmaceutical election for members of the Pharmaceutical Society's Council? Nominations close on March 18. Great interest has been shown at Branch meetings in the report on the General Practice of Pharmacy. Will that interest be reflected by many candidates coming forward with as many vigorous, well expressed policies on the contentious matters raised by the report? At this early stage one may hope that 1962 will be a vintage year for Council elections. Perhaps someone will nominate another with the vision and the driving power of a Jacob Bell. Perhaps such a one will make himself recognised and get elected. It is many years since so many exciting issues were before members at an election. Selling, advertising, professional behaviour and fees, organisation and all the ingredients of pharmacy are in the melting pot. What shall we mould from it—or will the pot be cooled by apathy into a missed opportunity? So many members of a learned profession do not use their pharmaceutical votes (even when they can do it post-free) that one has sometimes wondered whether some remission of part of the annual retention fee might be allowed for all those who return their voting papers, whether or not they have chosen to cast votes on them. A superabundance of blank papers then returned would indicate that the candidates or their policies are not sufficiently well known to the membership. If the annual retention fee were raised by the amount of the "ballot remission," there would be no extra cost to the Society. Indeed there would be extra income from the small hard core that still would not vote! Of course the sudden increase in the number of votes cast in our "blunderbuss" Council election might produce some surprising results, but it could not do any harm, and perhaps it would be the cause of a lot more thought being put into candidates' election addresses in the future. In 1962 we don't want platitudes, we want policies.

A healthy sign of pharmaceutical liveliness is the steadily increasing number of "letters to the editor" expressing criticisms of the trading policies of *named* firms. When publicity of that sort has been given to a matter it is no use for a representative to try and persuade a critic that he is the only one of his kind and that all other pharmacists are in accord with his firm's behaviour. In those circumstances it has often seemed useless to voice a lone criticism to a traveller; but the picture changes when one sees that other pharmacists feel exactly as one does oneself. Frank discussion at branch meetings will underline the fact that pharmacists generally think alike about manufacturers' policies, but between meetings we may be somewhat overimpressed by high-pressure salesmen's statements against our better judgment. That is where "straight-from-the-shoulder" writing in the weekly correspondence column is of great value. We are the customers of the manufacturers, yet we are too often apt to allow them to ignore our fair comments.

Registering Approval

When a manufacturer's policy earns our approval we should give it unstintingly, and at least as fully as we would voice disapproval. Bearing that important principle in mind I am glad to be able to praise Vitamins, Ltd., for their recent publication distributed to doctors: "A practical guide . . . to low-cost vitamin therapy. . . ." In it they show the "Total N.H.S. cost in shillings" of quantities of five of their preparations. The leaflet really does show doctors the true cost of the preparations when handed to the patients; I have often deplored that the makers of pharmaceutical specialities have deliberately refrained from giving that total National Health Service cost of their proprietaries to doctors. It is of no value to a doctor to know that a basic cost is xs. but is subject to the addition of oncost and a dispensing fee. Oncost and dispensing fees mean nothing to most doctors, and they can only get the impression that the proprietary costs the National Health Service a lot less than in fact it does. So I now deplore that Parke, Davis & Co. are sending out a blotter advertising Benylin expectorant on which it is stated that "Basic N.H.S. price for 4 fl. oz. from bottle of 80 fl. oz. is 1s. 5d.; subject to the addition of oncost and dispensing fee." Messrs. Parke, Davis have omitted reference to the container allowance. Perhaps that would have made their figure even hazier! Are we asking too much of a firm like P.D. & Co. that they should follow the example of Vitamins, Ltd., and give exact (scientific?) information in their literature?

RECENT RESEARCH

ETHYLENE OXIDE TOXIC REACTION PRODUCT

ACCORDING to a recent communication to *Nature* (1962, **193**, 387), male mice of various strains, developed a hæmorrhage diathesis (characterised by hæmothorax, bleeding at various body sites, jaundice and subsequent death) about six months after the commencement of an ethylene oxide sterilising procedure for their bedding (pine shavings). The affected animals were found to be suffering from prothrombin-complex deficiencies. Since mice continually chew fresh shavings, it was suspected that ethylene glycol (a reaction product of ethylene oxide sterilisation) or the alkylation of some shaving component might be the cause—or a contributory factor. Toxicity studies were undertaken on male and female mice, which were randomly allotted into four groups. Three of those received respectively untreated or ethylene oxide treated shavings extracts or commercial ethylene glycol. The fourth group served as controls. Plasma was collected from half the mice for prothrombin time determinations and serum from the other half for thromboplastin generation time determinations. It was found that only ethylene oxide autoclaved shavings extracts and ethylene glycol produced increased specific clotting abnormalities. The authors point out, however, that "the fact that the spontaneous syndrome was only partly produced experimentally suggests a multifactorial causation." The incidence of the disease stopped on abandoning the use of ethylene oxide-sterilised shavings.

Onward from Galen
A CURRENT CAUSERIE

THE flora of Nigeria is surprisingly rich so far as medicinal plants are concerned. In fact, no less than ninety-four recognised drug plants indigenous to or cultivated in the country are mentioned in a publication received recently from the Nigerian College of Arts, Science and Technology. In addition, many more plants are used in local medicine that may be of pharmaceutical interest—362 of them are also listed in the book, together with their botanical family, constituents, local medicinal uses, etc. The book, "Medicinal Plants in Nigeria," is based on a course of four lectures delivered by Bep Oliver in the pharmacy department of the College at Ibadan, and in a foreword to the work the author records thanks to, among others, Dr. J. M. Rowson (who was head of the college at that time) for his help and encouragement. Many of the local drug plants have been analysed chemically and pharmacologically and active constituents have been found that often explain the use of the plants in local medicine and their "secret" properties. Many more plants have still to be investigated, and the experience with the rauwolfia species should at least guarantee that, in course of time, all of the plants will have been fully investigated.

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CHEMIST contractors who object to the testing scheme for drugs supplied by contractors on the National Health Service have a supporter in a contributor to a recent issue of the *British Medical Journal*. Dr. J. G. Tees there states that he has found exceedingly distasteful the duty to write a number of prescriptions with fictitious names for the local Executive Council. He adds: "While I realise Executive Councils are entitled to insist upon it, I feel on conscientious and ethical grounds that this term of service (paragraph 7, 12) should be deleted from the rules of the National Health Service. A number of my colleagues agree with this contention." The letter has been noted and reported in the national Press, as has been, too, a comment by Mr. Joseph Wright (secretary, National Pharmaceutical Union) that the procedure is similar to that adopted under the earlier National Health Insurance scheme. He is reported to have said: "We do not object to it although we do not like it," and to have added: "Had we objected, we might have gone back to the situation in which chemists were liable to prosecution under the Food and Drugs Act, as at the beginning of the century. It was the lesser of two evils."

NEW BOOKS

Herbs for Today and Tomorrow

JOAN RYDER. *Heath & Heather, Ltd.*, St. Albans, Herts. 8 x 5½ in. Pp. 64. 5s. (trade 4s.).

ESSENTIALLY this is a book to promote the sale of herbs, the first twenty pages dealing with various illnesses and giving advice on the herbs that would be beneficial in treatment. In the next thirty pages are short descriptions and numerous illustrations of the British herbs in use today. There is a section which gives recipes for home-made wines and advice on how to make them. There is also a section on herb gardening.

Pharmacognosy

EDWARD P. CLAUS, PH.D. *Henry Kimpton*, 134 Great Portland Street, London, W.1. 10¼ x 7 in. Pp. 565. 93s. 6d.

THOSE familiar with this work will immediately recognise that the present (fourth) edition is considerably smaller than the third. The author has maintained the monograph system of drug presentation and the category of "Prescription Specialities" in the monographs to stress the relationship between pharmaeognosy and dispensing pharmaey. Being an American production the text material corresponds to the United States Pharmacopeia, and the U.S. National Formulary. The chapter on allergens has been extended. The section on drug commerce has been brought up to date. There are 227 illustrations including one plate of *Rauwolfia serpentina* in colour.

Chemicals and People

S. A. GREGORY, B.SC., M.I.CHEM.E. *Mills & Boon, Ltd.*, 50 Grafton Way, London, W.1. 8½ x 5½ in. Pp. 176. 15s.

FIRST in a series of books edited by Dr. J. Goodier (head of the science department, Eton College) with the theme "Science in Society" and aimed at bridging the gap between the scientist and the art graduate, the book traces the development of many chemical substances in common use. It could prove not only of interest but of considerable help to the busy pharmacist who has to prepare an address for Rotary or similar gatherings.

The Common Market

Information Service of the European Communities, 23 Chesham Street, London, S.W.1. 9 x 6½ in. Paper-back. Pp. 48. 1s.

THIS new brochure on the Common Market reviews the reasons for the creation of the European Economic Community, the programme of the Rome Treaty, and the progress made in carrying it out. It describes the institutions of the Community; the steps already taken towards a single market through the reduction of internal tariffs; the first move towards a common external tariff; the gradual abolition of quota restrictions; and associated measures such as provision for the free movement of workers and capital within the Common Market.

100 YEARS AGO

From the C. & D., *March* 15, 1862

FALSELY ASSUMED TITLE

AT the West Bromwich Petty Sessions, on the 1st instant, Mr. Frederick Lewis, a medical practitioner, of Hill Top, was summoned by Mr. Bemington, plumber and glazier, of the same place, for having wilfully and falsely assumed the title of surgeon, and represented himself to be duly qualified and registered as such. It appeared from the statement of the counsel for the informant, who was a member of a friendly society, known as the "Lewisham Court of Foresters," the meetings of which were held at Hill Top, that the defendant had acted as surgeon to that society, but that he was only a licentiate of the Apothecaries' Society. The rules of the association required that the medical officer should be a registered surgeon; and the certificates of the medical officer, which the defendant signed, had printed upon them the word "surgeon." It was maintained that, according to the 40th seetion of the "Act to regulate the Qualifications of Practitioners in Medicine and Surgery," the defendant had laid himself open to a penalty, upon conviction, of £20 for each offence proved. The informant, it was added, had openly disputed defendant's qualification at the meetings of the benefit society in question, and that defendant afterwards served him with a writ, preparatory to a *Nisi Prius* trial. Evidence was given in support of this opening. For the defence, the defendant's solicitor cited the case of "Ellis v. Kelly," an appeal, tried in the Court of Exchequer, in November, 1860, in which it was held that the assumption of the title of doctor, implied by a brass plate upon the door, was not a wilful misrepresentation under the act, as it was shown that the party accused held a diploma from a Bavarian university. As the defendant was qualified to practise as a medical man, it was maintained that the using of the term "surgeon" was no falsehood. The bench was invoked not to prejudice the position of the defendant, who had already instituted proceedings in a law court to establish his right to practise. An Ameriean diploma, which the defendant held, was put in. Lord Calthorpe, who was the chairman of the magistrates presiding, said the bench was sorry to have to come to the conclusion that Mr. Lewis had rendered himself liable to the penalty set forth in the act. He had apparently rendered himself very acceptable to the members of the club, but a convietion under the information must ensue. They would, however, only inflict a fine of £1, and the costs of summoning witnesses. In reply to the application of Mr. Lewis's solicitor, the bench granted "a case."

Republic of Ireland Pharmacy Bill

SECOND STAGE MOVED IN DAIL

MOVING the second stage of the Pharmacy Bill in the Dail on February 22, the Minister for Health (MR. S. MACENTEE) said the Bill would codify, and, in some respects amend, parts of the present enactments relating to pharmacy. Section 2, which would specify the classes of persons who might keep open shop for the dispensing and compounding of medical prescriptions and the sale of poisons, expressed again, with but a few changes, the present law on the matter, the basis of which was the Pharmacy Act (Ireland), 1875. "I should explain that, before 1875, a legal monopoly in keeping open shop for the sale by retail of medicines, was vested in licensed apothecaries," said the Minister, who went on: "There were comparatively few of these, and great inconveniences thereby arose to the public in many parts of the country. The object of the 1875 Act, as expressed in its preamble, was 'to enable persons who, although they do not desire to practise the art and mystery of an apothecary, desire, and are qualified to open shop for the retailing, dispensing and compounding of poisons and medical prescriptions, to keep open shop for the purposes aforesaid.'"

Successive Legislation

The Minister explained that under that Act the Pharmaceutical Society of Ireland was established, and the pharmaceutical chemist, as known today, was created. Reviewing the 1875 Act, he said it was amended and extended in 1890, particularly by the establishment of a grade of registered druggist, qualified to deal in poisons, but not in the compounding of medical prescriptions. A further amending Act in 1951 visualised the eventual disappearance of that grade of registered druggist, but established a further interim grade known as "dispensing chemist and druggist," to which such druggists as passed a special examination in dispensing were admitted. The tangled provisions of all those existing Acts were to be replaced by section 2 of the Bill, and, in addition, the section would make two changes in the present law. The first related to medical practitioners who were neither pharmaceutical chemists nor licentiates of the Apothecaries' Hall. Under section 30 of the Act of 1875, any such medical practitioner, if he had passed an examination in pharmacy to obtain his medical diploma, had the right, equally with apothecaries and pharmaceutical chemists, to keep open shop for the sale of poisons and the dispensing and compounding of medical prescriptions. There seemed to have been considerable doubt, however, as to what an examination in pharmacy entailed.

The Minister said it had been generally held that medical practitioners who were not apothecaries, did not, in fact, take such an examination in the course of their studies, and, because of that, the right to keep open shop never became a reality for them. Mr. MacEntee said that, speaking as a layman, it did not seem to him likely that the ordinary medical practitioner could, in his wider course of studies, be trained to anything like the same extent as a full-time pharmaceutical chemist in the techniques and skills required for the efficient practice of pharmacy. There did not seem to be any good cause, therefore, for retaining that special provision. "Under the terms of section 2," continued the Minister, "I am proposing that it should be removed, but in order to ensure against the deprivation of any legal rights which existing medical practitioners might, in fact, feel that they have, it is provided under the section that any medical practitioner who became qualified, or who began his medical studies, before the commencement of the Act, and who, in order to obtain his qualifying degree, or diploma, has passed, or passes, an examination in pharmacy, will have the right to keep open shop for the sale of poisons and the dispensing and compounding of medical prescriptions."

Regarding the other change, Mr. MacEntee said that it clarified the position of limited liability companies in the retail pharmacy business. Those companies might continue in the business, but only on the basis that each shop or pharmaceutical department would be managed by a pharmaceutical chemist, or other authorised person (as defined) in the whole-time employment of the company. The Minister said that section 3 would provide for a more adequate measure of protection for the titles under which persons legally engaging in pharmaceutical business normally operated. The titles or descriptions under which they conducted their shops or business would also be afforded the full protection they required. "This, I think, is both reasonable and necessary for if, on the one hand, we provide that pharmaceutical chemists and allied classes must surrender certain liberties in subjecting themselves to a fairly stringent code of ethical behaviour; if the State, for the protection of the public, compels pharmaceutical chemists and other persons concerned in the compounding, dispensing or sale of medicines, drugs or poisons to be registered in appropriate categories, and to pay fees for such registration; if it imposes on such persons certain onerous obligations, and if we expect pharmacists, through their Society, to provide for the training of candidates for examination, then, in my view, we must ensure that their exclusive right to engage in pharmaceutical business is adequately protected."

An Examining Body

Dealing with section 4, he said it re-enacted in an expanded and more explicit form, a provision in the 1875 Act that empowered the Pharmaceutical Society to make regulations for the examination of persons wishing to become registered as pharmaceutical chemists.

Power to hold examinations had hitherto been taken as covering all the normal matters which went with the holding of examinations—such matters as the organisation and conduct of courses of training prior to examination, the appointment of lecturers and teachers in connection with the courses, and the granting of certificates to persons who took the courses and passed the examinations. While that might be a reasonable assumption, he thought it was better to put the matter beyond doubt by specific provisions.

Arrangements for Reciprocity

Mr. MacEntee explained that section 5 would give the Society power to register pharmaceutical chemists trained and qualified outside the State. It would empower the Society to make arrangements with pharmaceutical societies in other countries for the reciprocal registration of properly qualified pharmacists. A similar right already existed in the case of medical practitioners, dentists, nurses and opticians.

Why it did not exist for pharmaceutical chemists was largely a matter of history and the lack of such power had caused difficulty where licentiates of the Irish Society who went abroad were refused registration and debarred from practice on the grounds that pharmaceutical chemists who qualified in those countries were not entitled to registration and practice in Eire. The recognition of any foreign pharmaceutical qualifications under reciprocal arrangements would be in accordance with regulations to be approved by the Minister. In that way, uniform standards would be maintained in the profession in the Republic, and no danger of dilution would arise from inadequately trained foreign practitioners.

Dealing with section 6, which related to the Society's power to charge fees, the Minister explained the distinction between licentiates and members of the Society. He said that under the 1875 Act the Society had power to charge fees for examination, licence and registration, but only members were obliged to pay annual subscriptions.

A new provision was being included to allow the Society to charge an annual fee for the retention on the register of the names of non-members. "At present I understand there are about 1,100 pharmacists who are members of the Society, and these pay an annual fee of £4 4s. each. A further 1,500 pharmaceutical chemists have not chosen to put their names forward for membership and are therefore not obliged to pay this annual fee." The Society however, had accepted responsibility, not only for granting diplomas and maintaining registers of authorised and qualified persons, but also for regulating the training of candidates for diplomas, by laying down and providing courses of study. In latter years, the increasing expense of retaining the requisite academic staff had made it impossible, said the Minister, to keep the

courses on a self-supporting basis, and they had been provided at substantial cost to the Society and its members.

Mr. MacEntee stated that the courses were intended primarily to ensure that only qualified persons would be engaged in the compounding and dispensing of medical prescriptions. But by providing them, and insisting that they must be followed, the Society maintained the status of the profession and safeguarded the livelihood of individual practising pharmacists. It would be unfair, therefore, to continue the existing situation, where the whole of the financial burden involved fell only on those licentiates sufficiently interested in the prestige and development of their calling to become members. "In my view, equity demands that the cost of maintaining the status and competency of their calling should be borne by the general body of the licentiates; and that, as this burden is a continuing one, every person who is anxious to continue in the appropriate register of authorised persons should pay an annual renewal fee in respect of each registration."

There was nothing novel in that requirement; it was imposed on the members of many professions and trades. Subject to the approval of the Minister for Health, section 6 would accordingly make provision for levying such fees as might be necessary.

Turning to section 7, the Minister said it provided that the Society should henceforth be able to confer higher titles on registered persons, in accordance with a similar right possessed by the Pharmaceutical Society of Great Britain.

Section 8 proposed to give statutory effect to an agreement reached between the Society and the Apothcaries' Hall on the question of the registration of the Hall's licentiates as pharmaceutical chemists.

The present legal position was that, under section 22 of the Pharmacy Act, 1875, licentiates of the Hall, on application and payment of the appropriate fee, became entitled to such registration. The Minister believed that agreement was general that there was no need for its retention. The Society and the Apothecaries' Hall had discussed the question in detail, and the Hall had agreed upon the cessation of the right—on the understanding, however, that the entitlement of its licentiates to keep open shop for the sale of poisons and the dispensing and compounding of medical prescriptions, would remain unimpaired. That agreement would be given effect in the section.

Existing Rights Safeguarded

It would be provided, by a saving clause, that any existing licentiate of the Apothecaries' Hall who had not yet applied for registration as a pharmaceutical chemist might do so before the end of 1963. Students of the Hall, who had already registered, or who would have registered before the end of 1962, would similarly, in due course, be given the opportunity to become registered as pharmaceutical chemists. In that way the rights of existing licentiates, and of persons who registered with the Hall in good faith, would be preserved. The Minister added that section 9 provided an alternative of a fine for the present penalty of imprisonment for falsification of a register kept by the Society. Section 10 provided for consequential repeals of sundry provisions of the early Acts, and section 11 for the construction, collective citation and commencement of the Act.

MR. T. F. O'HIGGINS (F.G., a former Minister for Health), said the Bill would be accepted by his side of the House. He was glad to learn that a measure of agreement in relation to the terms of the Bill had been reached between the Apothecaries' Hall and the Society. Under section 4 great extension was envisaged in the educational responsibilities of the Pharmaceutical Council. The Council was now given an ethical and an educational control comparable with that of a Medical Registration Council. Mr. O'Higgins thought it would therefore seem desirable — perhaps not in the Bill but at some stage soon—that the constitution of the Council should be examined. At the moment, the Council was largely composed of those interested in the retail side of pharmacy. Pharmacy now, and increasingly in the future, would be involved in industry and research, in public health and on the educational side. Qualification for membership of the Council would require examination. "I am told that, at the moment, any member of the Pharmaceutical Society who is engaged in teaching is disqualified from membership of the Council. That appears an anomaly. With the great increase envisaged in the responsibility of the Council, it would seem desirable that a change should be made."

Referring to the provision for charging fees Mr. O'Higgins said he should like to raise the question of the State's responsibility in that matter. "It appears desirable that, if a school of pharmacy is to be encouraged to grow, the State would have some responsibility to make a contribution towards that education and research. It does not appear desirable that the only way in which research and education can take place is by a poll tax on those who are registered—particularly when I see that the fees are not specified, but will eventually emerge in regulations. It appears not a completely desirable provision."

The debate was adjourned.

Debate Resumed

The second stage was reached on February 28, and the Committee Stage ordered for March 7. Resuming the debate, MR. P. A. BRADY (a member of the Council of the Pharmaceutical Society of Ireland), welcomed the bill as much overdue. The 1875 Act, he said, was outmoded from the points of view both of the Pharmaceutical Society and of the interests of the public.

For the first time the Bill defined clearly the persons who were entitled to keep open shop—it defined, in fact, who an authorised person really was. Mr. Brady believed the minor alteration with regard to medical practitioners made no difference. To his knowledge no medical practitioner, as such, kept open shop. "Medical practitioners who keep open shop are licentiates of the Apothecaries' Hall. They take an examination in pharmacy."

Question of Reciprocity

As a practising pharmacist himself, Mr. Brady said he had realised down the years how difficult had been the question of reciprocity. The Pharmaceutical Society of Ireland had no powers to enter into reciprocal arrangements with any outside countries. The restriction on the use of certain titles, emblems and descriptions was more important from the public's point of view because it would prevent people from masquerading as qualified to compound and dispense prescriptions. Mr. O'Higgins had not been correct, said Mr. Brady, in stating that teachers could not be members of the Council of the Society: any qualified person could be a member, with the possible exception of an examiner. Examiners, by regulation, were not members of the Council. That was fair to the examiner and in the interests of impartiality. He agreed with Mr. O'Higgins that the State should have responsibility for training and teaching students. In earlier years the method of training had been master-and-apprentice, part-time lectures, part-time teaching, and so on, but with the more recent scientific or specialised training the Society had to modernise its laboratories, take on whole-time teachers, and employ extra staff. With those much greater commitments, they now found themselves possibly having to seek State assistance.

Section 4 was important as it put beyond doubt what had been the practice in recent years. The 1875 Act had given the Society the authority to examine but not to teach. The retainer fee provision was "very desirable," filling a long-felt want. At present less than half of the qualified pharmaceutical personnel were members.

SIR ANTHONY ESMONDE said the chemists were entitled to a new Act. The Bill was an attempt to set up the pharmaceutical chemist as a profession. The puzzling thing about the Bill to him was that practically all the sections were already operative. The majority of medical practitioners, except licentiates of the Apothecaries' Hall, had no interest in the profession of pharmacy. They were fully occupied in their own sphere. He was puzzled that the holder of the L.A.H. qualification was no longer to be allowed to compound or keep open shop for the sale of medicines unless he was already registered as a practising chemist, or had commenced as a student, yet any subsequent L.A.H. who came on the scene and applied for registration was still entitled to carry on. He thought that reciprocity might bring an influx of chemists to the Republic: no doubt the Minister had had consultations as to whether the profession was overcrowded or not. The Minister could answer that registration would leave control completely in the hands of the Society, which could regulate it, but the Society would find that difficult as an examining or tutorial body giving diplomas and degrees. If, subsequently, members applied to practise elsewhere, the Society would find it difficult to refuse them.

He had heard rumours that the Society and the profession were to be recognised as a faculty in University College, Dublin. If such were the case would it not have been better to embody it in the Bill? On the provision that only licentiates of the Apothecaries' Hall and pharmaceutical chemists might compound prescriptions and drugs, Sir Anthony said it was necessary to ensure that the Dail was not passing a Bill that made it illegal for medical practitioners in an isolated area to compound medicines for patients. Perhaps the Minister would look into that. There was no provision in the Bill to ensure that, if pharmaceutical chemists were to be given professional status, they would be entitled to employment in compounding medicines even under semi-State concerns, such as local authorities. In the larger dispensaries, with populations of over 2,000, there was a sizeable turnover of drugs and appliances, and it would be economical for the State to employ pharmacists.

"Tremendous Wastage"

Sir Anthony pleaded that chemists should be entitled to charge a dispensing fee under the mother-and-child scheme. He believed the present fee was inadequate to normalise their ordinary profits on drug sales, which in some cases was as high as 50 per cent. "In case Deputies think that chemists are mulcting the public and making a great deal of money as a result of being able to charge these high prices, I think I should say it is necessary for them to do so: there is tremendous wastage in the sale of drugs."

Dr. Noel Browne wondered what case was made for the taking away of powers, which the doctor had had up to now, to sell, if he wished, drugs, poisons, etc. Would it not have been possible, and acceptable to the Medical Association, to have the course for doctors concerning dispensing and the various other aspects of the preparation of medicines properly examined and made to meet the requirements of the Pharmaceutical Society, in order to allow any doctors who so wished to carry on with the old conditions.?

There were situations in which the doctor must have power, with the cover and protection of the law, to dispense medicines. Dr. Browne wondered whether the Minister could have taken powers in the Act (and whether the Society would have been agreeable to it) to establish chemists on a licensed basis?

A system of fixed prices was maintained by most chemists' shops and, because of it, the consumer did not really benefit from a multiplicity of pharmacies. Dr. Browne believed the contrary was true, namely that where there was more than one shop supplying the same goods at the same prices there was a multiplicity of overheads and the person who paid for that was, in the end, the consumer. By licensing the Minister would cut down the multiplicity of shops. "I suspect there are many of these shops which find it hard to make a reasonable living in any of the country towns in Ireland, and that it might be in the interests of all concerned if the Minister were to consider some proposal of that kind." If less than 50 per cent. of pharmacists were paying the annual fee to the Society, they were legislating for people who had opted not to pay, and he wondered if it were desirable to impose on them the responsibility of paying a fee to the Society? While he saw the need for making funds available to the Society, he did not know whether it was the wisest thing to impose compulsory contribution on licentiates to keep the Society going. What seemed to him to be least desirable, or equally undesirable, was that money—from the only source available to the Society—would go for the education of its members. "I agree this is an important body. Certainly its members are important members of any society such as ours. Chemists have a complex and valuable function to perform in our health services. In consequence, I think they have a lien on a Minister for help or subsidy so as not to be impeded in carrying out their important work. I would be rather more in favour of making funds available to the Society in the same way as we do to the medical schools, so that they will be able to establish and maintain their courses and bring them up to the maximum pitch of efficiency, and that the people in them will get the benefit by having the highest trained and skilled chemists available to them."

Dr. Browne asked what steps could be taken to discipline a person who did not wish to pay a fee? He thought other Societies [he cited the Irish Medical Association] had shown they could operate without a compulsory fee of that type. He did not think a good case had been made out for compulsion.

A Constitutional Query

It was wise that the Society was empowered under the Act to establish courses for intending chemists. Was the constitutional position which arose out of a recent Law Society case making it difficult for the Minister to provide legal sanction for any disciplinary action which the Society might propose to maintain high standards of ethical behaviour? If, as he understood, that power did not exist at present, it amazed him how one managed to have such a high standard of reliability. He understood the reciprocity clause flowed almost directly from the fact that the Society had made such notable efforts to establish a standard of teaching and education, which allowed chemists to fear no competition in the educational field from any other country. . . . That was desirable, because many young people had found that there was a limited outlet for them in the profession, with the result, he understood, of a fair amount of exploitation. Reciprocity would be of value, in that young, emerging societies would be able to send their people to Eire to get a worth-while qualification that would be valid in many other countries. "I hope that the Bill will get as rapid a passage as possible through the Dail, and that its main provisions will be put into operation as soon as possible."

MR. P. HOGAN said the Bill seemed to be an attempt to upgrade the pharmacist, which would mean that he would have to have a more extensive and expensive education. It would also mean that he would be entitled to a larger fee. That might increase the cost of those services to the general public. Asking the Minister to consider providing for assistant pharmacists, he said that much of the work done now in an ordinary pharmacy consisted of handing out proprietary drugs and ladies' preparations, in respect of which the ordinary training of a shop assistant was more important than a course at a university. In the interests of the public, and to keep costs down, it might be desirable to consider having some kind of grade. Nor would he like to see the doctor's rights infringed in any way, because in a small community they might not be able, at all times and everywhere, to provide a dispensing pharmacist. Pharmacists should be able to look after their own businesses without the Minister saying how much they should pay to their own Society.

Minister's Reply

Replying, the Minister for Health (MR. S. MACENTEE), said it was desirable, for the protection of the public, that fees should be subject to Ministerial approval. Fees might be so high as to lead to an increase in the cost of medicines and drugs to the public, though he was not going to say that the Society would operate in that way.

The question of establishing a disciplinary body had been made extremely difficult by the interpretation put upon the constitutional provisions by the Supreme Court in the case of the Incorporated Law Society. "We have not been able to find a satisfactory solution, but when we do, we will be able to apply it to the practice of pharmacy to ensure that the high ethical standards will continue to operate." Mr. MacEntee did not think it necessary to license chemists' shops. It was a free society and they had accepted the principle of private enterprise. He did not think there was any indication that the public interest was widely affected by the fact that any qualified person was permitted to open shop whenever he liked. The Bill would not interfere in any way with the exercise by dispensary doctors of their present functions in relation to the dispensing of drugs to their patients. It would prescribe the persons who would be entitled to "keep open shop," which the dispensary doctor did not do. The change in the rights of licentiates of the Apothecaries' Hall was not a question of keeping open shop, but of the right of such licentiates to register as pharmaceutical chemists. All that was involved was the right of a licentiate, who was not also a licentiate of the Society, to be registered under the Act as a pharmaceutical chemist. The purpose of section 5 was to enable the Society to enter into arrangements on a reciprocal basis to allow those who qualified in the Republic to practise in those countries where satisfactory arrangements for reciprocal recognition had been arrived at. Arrangements had been made whereby part of the course of studies prescribed by the Society would be taken in University College, Dublin, but it had also been specifically stated to him, at any rate by the Society, that

It was not intended to set up a separate Faculty of Pharmacy. He did not think there was any reason to believe that the Society would act in an oppressive way in respect of licentiates who had refrained from becoming members up to the present.

Even if they were inclined so to act, the Minister had the power of approval, and he would naturally be concerned to see that the retention fee would be fair. The membership of the Society had taken on itself the rather heavy burden, since the 1875 Act was passed, of regulating and controlling the profession for the benefit not alone of themselves, but of every member of the profession. It was only just that every member of the profession, who benefited by the activity of the Society, should be bound to pay a reasonable fee for the services he continued to receive year after year from the Society. Because of the interest which the Society had taken, members of the profession were now being put in a less ambiguous position than heretofore in relation to their right to practice.

Penalties

The Minister said he did not think the fee would be such as to cause anyone to compensate himself by charging higher prices. If a licentiate refused to pay the fee, the Society could of course sue him. "I would say that if a licentiate were to persist in practising as a pharmaceutical chemist without having paid the fee, the Society might in future have power to move to have that person's name removed from the register. I grant that might be a rather extreme penalty." Mr. MacEntee said he hoped no licentiate, following on Dr. Browne's speech, would feel that he could continue with impunity to refuse to honour the obligations imposed on him by the Society under section 6 of the Bill.

N.H.S. STATISTICS

In STAFFORDSHIRE during July and August, 1961, average cost of each prescription was 7s. 10·68d., which was below the national average of 7s. 11d.

Switch to Self-selection

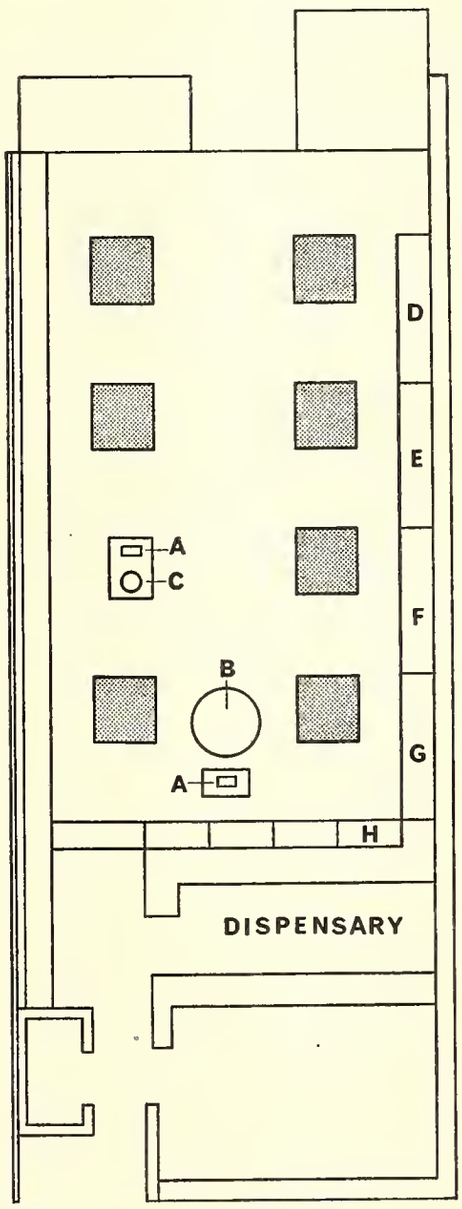
SECOND "MODERNISATION" OF A PONTEFRACT PHARMACY

ALTHOUGH it is but four years since the Ropergate, Pontefract, pharmacy of D. Royce, Ltd., was modernised, further changes have been made altering the design from a traditional counter-type layout to a self-selection store. Mr. Royce's intention, which he has achieved, was to effect the change whilst retaining the high-class atmosphere necessary to the successful selling of expensive agency toiletries, and while still keeping the traditional pharmacy and dispensing to the fore.

Customers' Attitude

In formulating his plans Mr. Royce decided to retain his full staff of trained assistants, as he felt sure that the majority of his customers did not want all-out self-service in the pharmacy, though they apparently appreciated the maximum display associated with self-service units. At the same time he decided to install a new heating system to replace the existing night-storage electric heaters, which he had found to be more expensive and less efficient than had been hoped. The new heating system is by warm ducted air from a Waterbury oil-fired heater. Some technical problems regarding the installation of the new system, and some difficulties in the disposal of the counters, caused delay in carrying out the plans, and the seven Nordia gondolas, specially stained to match existing wall fittings, were only just in position before the Christmas 1961 season. Since then the gondolas have been placed in various experimental positions in the shop and at varying angles to the customer entering the door, but Mr. Royce has now adopted a layout whereby the gondolas are sited parallel to the walls of the shop. That arrangement appeared immediately to give a feeling of spaciousness, with less over-crowding of the shop. It has been the experience that customers do perambulate around all sides of the gondolas when they find products of interest. Only one small counter remains, near the rear of the shop. That is used for the reception of prescriptions and the handing out of medicines.

As if to emphasise the professional aspects of the dispensary there is a swan-neck carboy on the top of the counter, together with a small sign: PRESCRIPTIONS. At the rear of the shop a wall fixture has been fitted with canopied lighting, fronted with translucent white Perspex upon which, in red lettering, appear the names of the cosmetic and toilet agencies (Cyclax, Helena Rubinstein, Lentheric, Elizabeth Arden). The end panel, which is situated over the opening leading to the dispensary, proclaims that fact and so prevents a wandering customer from straying beyond the shop area. In the front of the toilet-products fixture is a small fitting, above which stands a cash register.



Plan of pharmacy: A, Cash register. B, Circular wire display stand. C, Carboy and prescription receiving counter. D, Baby foods. E, Gifts. F, Proprietary medicines. G, Tooth-pastes, etc. H, New fixture for agency toiletries. The shaded areas indicate position of Nordia gondolas. The wall fixture behind the prescription counter contains proprietaries.

Customers have expressed approval of the new layout and there has been a noticeable increase in "impulse" buying. Mr. Royce considers it too early yet to give a final opinion of the financial effect of the change, but estimates that the current trend indicates a turnover increase in the range of 10 per cent.

Few Snags

Among the very few snags that have been encountered is that "there just isn't a place for baskets," and at the moment the introduction of clip-on shelves, to provide suitable resting places, is being considered.

During busy periods it was noticed there was a tendency for small goods to be knocked off the gondola shelves. That difficulty has been overcome by placing glass (about 4 in. deep) along the front and sides of the shelves to protect the goods. It has been found important for the stocks on the gondolas to be changed in rotation as regularly as the changes in window displays. Another small difficulty, but one that may possibly be overcome with experience, is that manufacturers' display units do not always blend easily with gondola arrangements. The lower shelves of the gondola, moreover, can only be usefully occupied by large packs, and relatively few products of the pharmacy come within that category. Perhaps the most significant experience has been that there has occurred no "fall-off" in dispensing, which suggests the type of layout adopted is compatible with the professional aspects of pharmacy.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MARCH 14: There was little buying interest displayed in any of the markets during the week and apart from one or two exceptions, price changes were within narrow limits.

In the CRUDE DRUGS market, Cape ALOES was 5s. per cwt. dearer on the spot moving up to the replacement figure. CASCARA was cheaper by 15s. a cwt. for shipment. COCILLANA BARK was believed to be cleared on the spot, but BELLADONNA ROOT was again on offer after a considerable absence. American LOBELIA was lower by sixpence per lb. at 6s. 3d. Although the crop of ERGOT in East Europe was short some supplies are now being offered on the spot at around 7s. per lb.; stocks of Portuguese have been cleared and shipment was difficult to obtain. MENTHOL continued to ease with Chinese material down 1s. 6d. and Brazilian down sixpence per lb. There was renewed activity in GINGER and spot Jamaican jumped to 420s. per cwt. from 385s. as forward offers rose 20s. a cwt. at origin.

In ESSENTIAL OILS, the price of LEMONGRASS for prompt shipment showed a fall of only sixpence per lb. on the week, although for more distant shipment there were lower quotations. Ceylon CITRONELLA was down by one penny per lb. and Brazilian PEPPERMINT by sixpence. Forward PALMAROSA quotations were down 2s. 6d. at 60s. per lb., c.i.f.

Light precipitated CALCIUM CARBONATE was 50s. per ton dearer.

Pharmaceutical Chemicals

ACETANILIDE. — Crystals. One-cwt. lots, 2s. 10d. per lb.; 5-cwt., 2s. 9d.

ALOIN. — Micro-crystalline, 14-lb. lots, 31s. 6d. per lb.

ALUMINIUM ACETATE.—B.P.C. in 1-cwt. sacks, 1s. 9d. per lb.

p-AMINOSALICYLIC ACID. — SODIUM, 17s. 6d. per kilo for 1,000-kilo lots.

AMMONIUM ACETATE. — 1-cwt. lots of B.P.C. 1949, 4s. 5d. per lb.

AMMONIUM BICARBONATE.—B.P. powder, £50 5s. per ton; CARBONATE, £81 10s. for lump and £85 10s. for powder.

AMMONIUM CHLORIDE. — One-cwt. lots B.P. powder, 105s. per cwt.; technical, 55s.

ANEURINE HYDROCHLORIDE. — 1-kilo £7 6s.; 10-kilos, £7 1s. per kilo.

ANTIMONY SALTS.—CHLORIDE SOL., B.P.C., 1934, carboys, 2s. 6½d. lb.

ASCORBIC ACID.—One-kilo, £2 8s.; 10 kilos, £2 5s.

BARIUM SULPHATE. — B.P., 250-kilo lots, 3s. 3½d. per kilo.

BENZOIC ACID.—One cwt., 2s. 11½d. per lb.; and SODIUM SALT, 2s. 9½d. per lb.

CALCIFEROL. — B.P. from 2s. 10½d. to 3s. 3d. per gm. for 1-kilo lots.

CALCIUM CARBONATE.—B.P. light precipitated powder, 1-ton lots, £36 10s. per ton in free bags, ex works.

CALCIUM CHLORIDE. — B.P.C. fused, granulated, 11½d. per lb. in 1-cwt. lots.

CALCIUM GLUCONATE. — Three-cwt. and upwards, 3s. 6d. per lb.; 1–2 cwt., 3s. 7d.

CALCIUM PANTOTHENATE. — £5 10s. per kilo.

CALCIUM PHOSPHATE.—B.P.C. is 1s. 5d. per lb. for 1-cwt. lots and 1s. 4d. for 5-cwt.

CANTHARIDIN.—Per oz. 51s. for 4-oz. lots.

CARMINE.—70s. per lb. for 1-cwt. lots.

CHARCOAL. — Medicinal activated, B.P.C. in 1-cwt. lots, £22 10s. per cwt.

CHLOROXYLENOL.—B.P., 5s. 8d. per lb. for 1-cwt. lots; 5s. 3d. per lb. for 1-ton.

CREOSOTE.—B.P. quality, ex beechwood, from 6s. 9d. to 7s. 6d. per lb.

CYANOCOBALAMIN. — Less than 25-gm. lots, £7 per gm.; 100-gm., £6 10s. per gm.

DICOPHANE (DDT). — One ton lots, 2s. 2d. per lb.

DIGOXIN.—100-gm. lots, 78s. per gm.

DIPHENAN. — (Per lb.), 55s. 3d. (56-lb.), to 63s. (1-lb.).

ERGOMETRINE.—MALEATE, B.P., 270s. per gm.

FOLIC ACID. — B.P. and U.S.P., 1-kilo lots, £26 per kilo.

FORMALDEHYDE.—B.P. solution, 5 drum lots, 755s. per ton in free drums, delivered.

GALLIC ACID.—B.P., 10s. 7d. per lb. for 1-cwt. lots. Technical grade, 9s. 9d.

GLUCONATES. — CALCIUM, 1–4-cwt. lots, 3s. 9d. per lb.; SODIUM (technical), 3s. 3d. per lb.; FERROUS, B.P.C., 5s. 4d.

GLYCEROPHOSPHATES.—Per lb. in 1-cwt. lots:—ACID, B.P.C., 20 per cent., 4s. 7d.; CALCIUM, soluble, B.P.C., 12s.; IRON, B.P.C., scale, 15s. 9d. and powder, 14s. 9d.; MAGNESIUM, soluble, B.P.C., 14s. 3d.; MANGANESE, B.P.C., 27s.; POTASSIUM, 50 per cent., B.P.C., 3s. 9d. and 75 per cent., B.P.C., 5s. 6d.; SODIUM, 50 per cent. 2s. 7d.; 75 per cent., 4s. 6d.; 100 per cent., 8s.

GLYCYRRHETINIC ACID.—Per gm., 2s. 3d.

GUAIACOLS. — LIQUID B.P.C., 16s. per lb., for 1-cwt. lots; CRYSTALS, 15s. 9d.; CARBONATE, 18s.

HYDROCHLORIC ACID.—B.P., 50s. per cwt. in carboys.

HYDROQUINONE. — One-cwt. lots, 10s.; 1-ton, 8s. 6d. per lb.

HYOSCINE HYDROBROMIDE.—Per oz., 102s.

HYPOPHOSPHITES.—Per kilo.:—

	1 kilo	12·5 kilos	50 kilos
	s. d.	s. d.	s. d.
CALCIUM, B.P.C...	17 2	16 1	15 1
IRON, B.P.C. ..	34 10	33 7	32 5
MAGNESIUM ..	29 3	28 2	27 2
MANGANESE, B.P.C.	35 3	33 11	32 9
POTASSIUM, B.P.C.	23 1	22 5	21 4
SODIUM, B.P.C. ..	19 2	18 1	17 1

KAOLIN.—LIGHT, 60s. per cwt.; 1-ton, 57s. per cwt.

LACTIC ACID. — B.P. 4s. 5d. per lb. for 12-winchester lots and 4s. for 5-cwt. lots. Edible, 80 per cent. acid, 2s. 4d. per lb. for under 1-ton lots: 12 winchesters, 2s. 8d. per lb.

MENAPHTHONE. — (One-kilo-lots). B.P. 160s. per kilo; ACETOMENAPHTHONE, B.P., 160s.; WATER-SOLUBLE (menadione sodium bisulphite, U.S.P.), 125s.

NICOTINAMIDE. — (Per kilo). One-kilo, 43s.; 10 kilos, 40s. 6d.; 50 kilos, 39s. 6d.

NICOTINIC ACID.—One-kilo, 32s. 9d.; 50-kilos, 29s. per kilo.

NIKETHAMIDE.—Per kilo, 100s.

PARALDEHYDE. — B.P. in 12-winchester lots, 2s. 10d. per lb. (6s. 3d. kilo); 10-gall. carboys, 2s. 4d.

PHENACETIN.—B.P. one-ton lots, 6s. 3d. per lb.; 1-cwt., 6s. 6d.

PHENAZONE.—Imported, 9s. 6d. per lb.

PYRIDOXINE. — One-kilo, £29 10s. per kilo; 10 kilos, £29 5s.

PYROGALLIC ACID. — One-cwt., pure crystals, 24s. 6d. per lb.; resublimed 26s. 6d.

RIBOFLAVINE. — One kilo, £11 10s.; 10-kilos, £11 5s. per kilo.

SODIUM PANTOTHENATE.—£6 10s. per kilo.

STREPTOMYCIN.—BASE or SULPHATE, 9d. per gm. Same prices for DIHYDRO.

THYMOL. — One-cwt. lots, 14s. 9d. per lb.

VITAMIN A.—Synthetic. Supplied in concentrate 1 million international units per gm. as acetate or palmitate the price is £26 per kilo for one-kilo lots.

VITAMIN D_2.—In oil, 2 million units per gm. the price is 67s. 6d. per kilo for 100,000 m.i.u. Crystalline: see under calciferol.

VITAMIN E (synthetic or natural).—TOCOPHERYL ACETATE, B.P.C., 25 gm. to 100 gm., 9d. per gm., 100 gm. to 1 kilo, 7d. per gm.; 1 kilo and under 10 kilos, £24 10s. per kilo; 10 kilos, £24 5s. per kilo.

Alcohol

British spirit (fermentation grades) per proof gall.:—

ETHYL ALCOHOL: (95 per cent. Gay Lussac, 66 *o.p.*): where the minimum delivery is 2,500 bulk gall. or over 3s. 7d.; 1,500, 3s. 8d.; 500, 3s. 9d. Prices are exclusive of duty and are for tank wagon lots. In 40–90-gall. drums there is a surcharge of threepence per proof gall.

ABSOLUTE ALCOHOL, 95·5 per cent., 74·5 *o.p.*, from 3s. 11d. to 4s. 1d. for same quantities; the special high strength (99·9 per cent., 75·2 *o.p.*), from 4s. 3d. to 4s. 8d. (in drums) for 1,000-40 galls. (bulk). DOUBLY RECTIFIED ALCOHOL (*S.V.R.*) 95·8 per cent., 68 *o.p.*, from 3s. 9d. to 3s. 11d. R. R. ABSOLUTE ALCOHOL (re-rectified), 99·7 per cent., 75 *o.p.*, 8s. per proof gall. net (for 40-gall. drums). Duty is £11 13s. 7d. per proof gall.

SYNTHETIC GRADES (supplied only to buyers authorised by Customs and Excise to buy duty free) the 95 per cent. is from 2s. 10d. to 3s. 0d. and ABSOLUTE (99·5 per cent.), 3s. 1d. to 3s. 3d., bulk deliveries.

Methylated Spirit

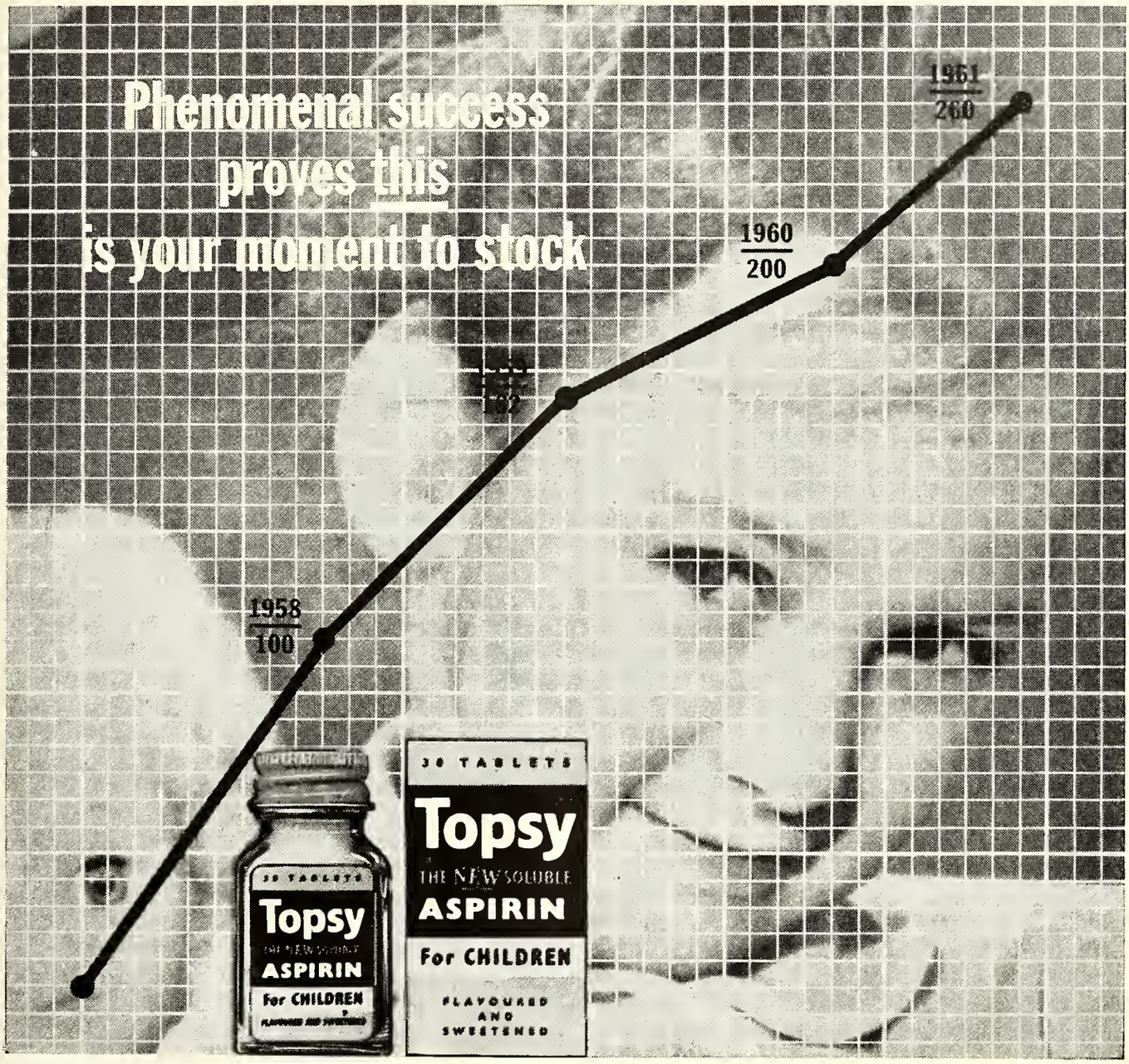
Methylators' rates per bulk gall. in Great Britain are as follows:

INDUSTRIAL METHYLATED SPIRIT: Strength 61 *o.p.*, 500 gall. and over, 5s. 1d.; 100 gall. and under 500 gall., 5s. 6d.; 40 gall. and under 100 gall., 5s. 11½d.; 10 gall. and under 40 gall., 6s. 5½d.; 5 gall. and under 10 gall., 6s. 11½d. Strength 64 *o.p.*, halfpenny per gall.; 66 *o.p.* (B.P.), one penny; 68 *o.p.*, 3½d. more than the above rates with 74 *o.p.* at 5s. 10½d.; 6s. 3½d.; 6s. 9d.; 7s. 3d. and 7s. 9d. for similar quantities. Tank wagon delivery is 2d. per gall. off list price—minimum, 500 gall. For industrial methylated spirit of perfumery quality prices are from 6s. 6d. (tank wagon) for 500 gall. to 8s. 0½d. (10 gall. drums) for 64 *o.p.*

PYRIDINISED INDUSTRIAL METHYLATED SPIRIT: Strength 66 *o.p.*, 500 gall. and over, tank wagon delivery, 5s. 3½d.; 500 gall. in 40-gall. drums, 5s. 5½d.; 100 gall. and under 500 gall. (in drums), 5s. 10½d.; 40 gall. and under 100 gall., 6s. 4d.; 10 gall. and under 40 gall., 6s. 10d.; 5 gall. and under 10 gall., 7s. 4d.

MINERALISED METHYLATED SPIRIT: Strength 64 *o.p.*, in one delivery, 500 gall. upwards 5s. 5½d. in drums; 100 gall. and under 500 gall., 5s. 10½d.; 40 gall. and under 100 gall., 6s. 4d.; 10 gall. and under 40 gall., 6s. 10d.; 5 gall. and under 10 gall., 7s. 4d.

Terms—Deliveries free and carriage paid on returned empties; net cash.



Topsy—the new children's aspirin that dissolves on the tongue and tastes like a sweet

Flavoured. The sweetened raspberry flavour makes TOPSY easy to give to children who dislike the taste of aspirin.

Soluble. TOPSY Aspirin dissolves quickly on the tongue.

Precise Dosage. The 1.25 gr. tablets can be given in correct dosage to children aged 1 to 14 years.

Versatile. Relieves teething troubles, feverish colds, headache, ear-ache and minor muscular pains.

Attractive Price. A bottle of 30 tablets retails at 1/-.

Quick Repeat Sales. Because the recommended dose is from 1 to 4 tablets according to age, mothers soon come back for more.

Good Profit. TOPSY sells on sight from the attractive counter display pack—makes you good, all-the-year-round profits.

Order TOPSY *from your wholesaler or from*
TOPSY PHARMACEUTICALS LTD., FOUNTAIN STREET, OLDHAM, LANCS.
Telephone: Oldham Main 6226



Display this TOPSY dispenser prominently on your counter.



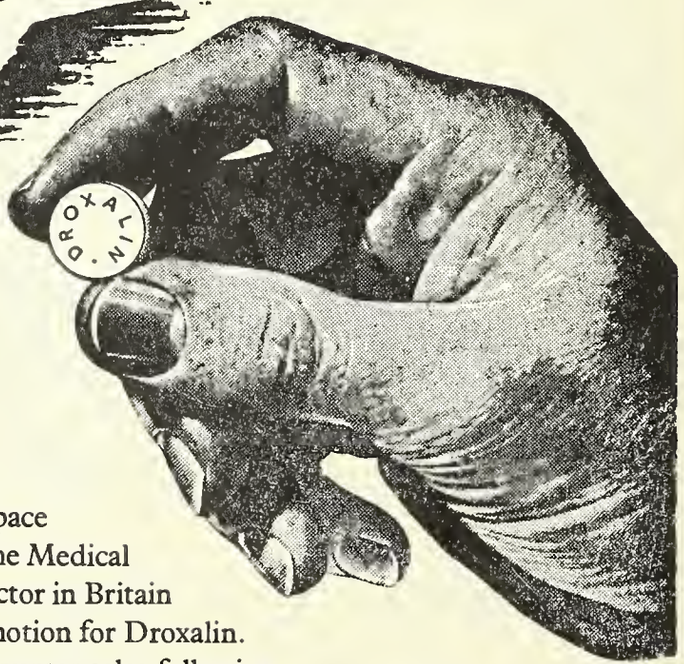
Draw them into your shop with this eye-catching window sticker.

Topsy REGD

THE NEW SOLUBLE ASPIRIN FOR CHILDREN

New
big space medical
advertising for
DROXALIN
will bring greater
counter sales

ACTIVE INGREDIENTS
Dried Aluminium Hydroxide Gel. B.P. 2·5 grains
Magnesium Trisilicate B.P. 2·5 grains



Display DROXALIN
on YOUR counter now

During the coming months, large space Droxalin advertising will appear in the Medical and Nursing Journals, and every Doctor in Britain will be contacted with a unique promotion for Droxalin. Pharmacists can expect immediate counter sales following increased prescribing of Droxalin, and should display and recommend Droxalin confidently as an extremely palatable quick-acting Acid Adsorbent which has the strongest medical approval for the relief of pain in Gastric Ulcer, Indigestion, Sickness of Pregnancy and allied conditions.

DROXALIN REGD.
TABLETS

THE ACID ADSORBENT WITH STRONG MEDICAL APPROVAL

PHILLIPS, SCOTT & TURNER · SURBITON · SURREY

Crude Drugs

ACONITE. — Spot: Spanish *napellus*, 2s. 6d. per lb.

AGAR.—Kobé No. 1, 13s. 6d. per lb. in bond; shipment, 12s. 3d., c.i.f.

ALOES. — Cape primes, spot, 175s. per cwt.; shipment, 175s., c.i.f., both nominal. Curaçao, spot, 410s.; shipment, 385s., c.i.f.

ANISE. — Chinese STAR, 180s. per cwt., spot, duty paid; shipment, 158s., c.i.f.

BELLADONNA. — Herb and LEAVES unobtainable. ROOT, 1s. 10d. per lb.

BENZOIN. — Sumatra block, spot £20 to £28 as to quality.

BUCHU. — Spot 4s. 3d. per lb.; shipment, March–April, new crop, 3s. 10½d., c.i.f.

CALAMUS.—Root, 100s. per cwt., spot, 87s. 6d., c.i.f.

CAMPHOR.—B.P. powder, 3s. 10½d. per lb. in bond.

CAPSICUMS. — East African on stalk, 155s. per cwt.; Ethiopian, 145s.

CARDAMOMS.—Aleppy greens, 10s. per lb., spot; shipment, 8s. 3d., c.i.f.

CASCARA. — Spot, 260s. per cwt.; shipment, 240s., c.i.f.

CASSIA. — *Fistula*, 105s. per cwt.; *lignea* (whole), for prompt shipment, 340s., c.i.f.

CHERRY BARK. — Thin natural, 1s. 9d. per lb.; shipment, 1s. 6½d., c.i.f.

CHILLIES. — Nigerian, 195s. per cwt. Mombasa, 315s.; Zanzibar, 250s.

CINNAMON QUILLS.—Shipment (c.i.f., per lb.) 4 O's, 5s. 5d.; 3 O's, 4s. 10¼d.; O, 4s. 6¾d.; quillings, 3s. 2¾d.; featherings, 1s. 5¾d.

CLOVES. — Zanzibar spot, 3s. 3d. per lb. nominal; shipment, 2s. 9d. to 2s. 11½d., c.i.f., as to grade.

COCHINEAL.—Black-brilliant, 7s. per lb., spot: Peruvian silver-grey, 4s. 6d.

COCILLANA. — Bark, 2s. per lb., spot; shipment, 1s. 9d., c.i.f., both nominal.

COLOCYNTH PULP.—Spot, 2s. per lb.

DIGITALIS. — *Purpurea* for shipment, 2s. 4d. per lb., c.i.f.

ELEMI.—Spot, 1s. 9½d. per lb. Shipment, 1s. 5d., c.i.f.

ERGOT.—East European on spot 7s. per lb. Portuguese nominal.

FRANGULA.—Spot, 87s. 6d. per cwt.

GENTIAN.—Spot, French, 150s. per cwt.

GINGER.—(Per cwt.) African, spot and shipment nominal. Jamaican No. 3, spot, 420s.; new crop, March–April shipment, 380s., c.i.f.; Cochin, spot, 142s. 6d.; new crop for shipment, dearer at 125s., c.i.f.

GUM ACACIA. — Kordofan cleaned sorts, 142s. 6d. per cwt., spot; afloat, 134s., c.i.f.; shipment, 138s., c.i.f.

HENNA. — Indian, spot, 95s. per cwt.; shipment, 63s., c.i.f.

IPECACUANHA.—Spot cleared. Shipment: Costa Rican, 80s. per lb.; Matto Grosso, 57s. 6d.; Nicaraguan, 78s. 6d., all c.i.f.

JUNIPER BERRIES. — Italian, 125s. per cwt.; German, 120s.

KARAYA. — No. 1 gum, spot 300s. per cwt.; No. 2, 235s.

KOLA NUTS. — African, 6d. spot and 4¼d., c.i.f. (per lb.).

LANOLIN. — ANHYDROUS B.P. is from 140s. to 155s. per cwt. in 1-ton lots.

LEMON PEEL.—Spot, 2s. 3d. per lb.

LINSEED. — Whole, 75s. per cwt.; crushed, 105s.

LIQUORICE. — Natural root: Russian 65s. per cwt.; Anatolian, 57s.; Persian, 52s. 6d.; Sicilian 1-kilo bundles, 1s. 6d. per lb. Block juice: Anatolian from 200s. per cwt.; Italian stick from 392s. to 470s. per cwt.

LOBELIA HERB.—American spot, 6s. 3d. per lb.

MACE. — Whole pale blade, 21s. per lb., spot.

MENTHOL.—Chinese: spot, 52s. 6d. per lb. duty paid; afloat, 50s., c.i.f.; shipment, 50s., c.i.f. Brazilian, 35s. 3d. in bond; 34s., c.i.f. Formosan, 42s. in bond; March–April shipment, 40s. 6d., c.i.f.

MERCURY. — About £62 per flask of 76-lb.

NUTMEGS. — West Indian 80's, 8s. 6d. per lb., spot; sound unassorted, 6s. 9d.; defectives, 5s. 3d.

NUX VOMICA.—Cochin, 80s. per cwt. on the spot.

ORANGE PEEL. — Spot: Sweet ribbon 1s. 10d. per lb.; bitter quarters: West Indian, 11½d.; Spanish, 1s.; bitter ribbon, 1s. 3d.

ORRIS ROOT.—Florentine, 335s. per cwt.

PEPPER.—White Sarawak spot, 3s. 5½d. to 3s. 6d per lb.; shipment, 3s. 4½d., c.i.f. Black Sarawak spot, 2s. 10d.; shipment, 2s. 9½d., c.i.f. Black Malabar, 315s. per cwt. spot; shipment (March–April), 300s., c.i.f.

PEPPERMINT.—Dutch whole leaves, 3s. per lb., c.i.f.

PIMENTO.—Spot, 588s. per cwt.; shipment, 540s., f.o.b.

PODOPHYLLUM.—*Emodi*, no offers, *Peltatum*, 365s. per cwt.

PYRETHRUM.—Extract, minimum 25 per cent. w/w pyrethrins, 74s. 6d. per lb. for small lots.

QUILLAIA.—Spot cleared. Shipment, 160s. per cwt., c.i.f.

RHUBARB. — Chinese small rounds from 5s. 6d. to 6s. 9d. per lb. on the spot.

SAFFRON.—Mancha selecta, 170s. per lb. spot; shipment, 180s., c.i.f.

SARSAPARILLA. — Jamaican native red spot, 2s. 6d. per lb.; prompt shipment, 2s., c.i.f.

SEEDS. — (Per cwt.). ANISE.—Turkish, nominally 335s., spot. CARAWAY.—Dutch, 157s. 6d., duty paid. CELERY.—Indian spot 275s. paid; shipment, old crop 215s. and new crop (June–July), 155s., c.i.f. CORIANDER. — Moroccan, 135s. duty paid; Indian bold, 90s.; Rumanian splits, 125s., duty paid; shipment: Moroccan, 101s. 6d.; Indian bold, 72s. 6d., c.i.f. CUMIN. — Indian, 160s.; Iranian, 140s., duty paid; Cyprian, 185s.; shipment Iranian, 117s. 6d., c.i.f. DILL.—Indian, 97s. 6d., spot; shipment, new crop (March–April), 76s., c.i.f. FENNEL.—Indian, 110s. spot; shipment, 88s., c.i.f. FENUGREEK.—Moroccan, 106s. duty paid; shipment, 94s. 6d., c.i.f. MUSTARD. — English, 60s. to 85s. according to quality.

SENEGA.—Spot, 16s. per lb.

SHELLAC.—F.O.T.N., 197s. 6d. per cwt.; No. 1, 210s.; F.O., 227s. 6d. to 277s. 6d., spot.

SQUILL.—White 75s. per cwt. spot.

STRAMONIUM.—Indian LEAVES 70s. per cwt. spot. Dutch 0·5 per cent. alkaloid, 93s., c.i.f.

STYRAX.—Spot, 23s. 6d. per lb.

TRAGACANTH. — No. 1 ribbon, £135 to £137 10s. per cwt. No. 2, £127 10s. to £130.

TURMERIC. — Madras finger, spot, 125s. per cwt.; new crop for April–May shipment, 110s., c.i.f.

VALERIAN ROOT. — Spot: Belgian, whole for prompt shipment, 145s. per cwt., c.i.f.; Indian, 150s. to 180s., spot, Dutch, 172s. 6d., c.i.f.

WAXES. — (Per cwt.). BEES'.—Dar-es-Salaam, spot, 430s.; shipment, 425s., c.i.f. Abyssinian, 390s. in bond, nominal; shipment, 375s., c.i.f. Sudanese, spot, 420s., nominal duty paid; shipment, 375s., c.i.f. CANDELILLA, spot, 465s.; CARNAUBA, fatty grey, spot, 420s.; shipment, 377s. 6d., c.i.f.; prime yellow, spot, 680s.; shipment, 635s., c.i.f.

WITCH HAZEL LEAVES. — Spot, 2s. 11d. per lb.

Essential and Expressed Oils

BOIS DE ROSE.—Brazilian, 15s. 9d. per lb. on the spot; shipment not offering.

CARDAMOM. — English-distilled unquoted; imported, 260s. per lb.

CASSIA.—Short with prices nominal.

CITRONELLA. — Ceylon, spot, 6s. 7d.; shipment, 6s. 5d. per lb., c.i.f. Formosan, spot, 8s. 9d., in bond; shipment, 8s. 7½d., c.i.f.; Chinese, 8s. 7½d., c.i.f., and 8s. 9d., spot.

CLOVE.—Madagascar leaf, spot, 8s. per lb., duty paid; shipment, 7s. 6d., c.i.f. RECTIFIED 87–88 per cent., 12s. Distilled bud-oil, English, B.P., 27s. for 1-cwt. lots.

CUBEB.—Spot supplies of imported are 85s. per lb.

CUMIN.—Imported oil, 88s. 6d. per lb.; English-distilled, 85s.

DILL.—Imported, 38s. per lb., spot.

GERANIUM.—Bourbon, 90s. to 120s. per lb. on the spot.

JUNIPER. — B.P.C. 1949 oil is from 14s. per lb. on the spot. English-distilled, 140s. JUNIPER WOOD, from 5s.

LAVANDIN.—Spot from 11s. per lb. for original drums.

LAVENDER.—French from 20s. to 30s. per lb. as to quality.

LAVENDER SPIKE.—Spanish, 14s. per lb. for original drums.

LEMONGRASS. — Spot cleared; March shipment, 28s. per lb., c.i.f.

OLIVE.—Spot, 19s. to 19s. 6d. per gall. in drums ex wharf; shipment, £190–£205 per 1,000 kilos, f.o.b. Spanish port.

ORANGE.—Floridan sweet oil, 3s. per lb.; West Indian, 3s. 6d.; West African, 14s. 6d.; Israeli, 5s.

PALMAROSA. — Spot cleared, Shipment, 57s. 6d. per lb., c.i.f.

PATCHOULI. — Penang is 26s. 6d., duty paid and 24s., c.i.f., per lb.

PEPPERMINT. — *Arvensis:* Chinese spot, 27s.; shipment, 25s., c.i.f. Brazilian spot, 13s.; shipment, March–April, 12s. 6d., c.i.f. *Piperita:* Italian, 48s. per lb., spot nominal; shipment new crop, upwards of 60s. for best oil asked. American from 28s. to 30s. per lb. as to make.

PETITGRAIN.—Paraguay, 18s. per lb., spot; shipment, 17s. 6d., c.i.f.

ROSEMARY.—Spanish is 9s. 3d. per lb. on the spot for best quality.

SAGE.—Spanish 9s. per lb., Dalmatian, 23s.

SANDALWOOD. — Spot, 145s. to 147s. 6d. per lb.; forward, East Indian, 145s., c.i.f.

SASSAFRAS. — Brazilian is from 2s. per lb., duty paid.

SPEARMINT.—American oil on the spot 30s. per lb.

TANGERINE.—From 30s. per lb. as to quality.

TEREBINTH.—B.P., 2s. 3d. per lb.

VETIVERT. — Bourbon spot, 95s. to 105s. per lb.; shipment, 95s., c.i.f.

UNITED STATES REPORT

NEW YORK, MARCH 13: Arrivals of imported material were said to be threatening a decline in cost for TRICHLOROETHYLENE. Lower per lb. are THEOPHYLLINE, at $2, and Brazilian MENTHOL, at $5·50, both down ten cents. RHATANY ROOT moved up two cents to 14 cents per lb. Higher per lb. among ESSENTIAL OILS were LEMONGRASS for resale at $3·85, up 25 cents, and Dalmatian SAGE at $4, up 40 cents. Lower were East Indian SANDALWOOD at $24, down 50 cents; CELERY at $15·50, down 50 cents; SPEARMINT $3·50, down 15 cents, and natural PEPPERMINT, $3·50, down 25 cents.

WORLD TRADE

Ceylon Imports of Black Pepper.—An individual import licence is now required for the importation of black pepper (whole, split or powdered), by Ceylon importers.

Norwegian Vanillin Production. — The Norwegian paper, pulp and chemical company, A/S Borregaard, expects to start production of vanillin at its plants in Sarpsborg on April 1. Initial capacity will be 200 tons a year.

Italian Citric Acid Imports. — The European Economic Committee Commission has renewed its authorisation to Italy to fix annual quotas of 730 quintals for citric acid and 3,300 quintals for calcium citrate until the date on which the two Italian factories which will manufacture those chemicals come into operation.

Anglo-East German Trade.—Quotas have been agreed providing for exports to east Germany of about £2,400,000 and for imports into the United Kingdom of about £3,600,000. The goods on which there is an agreed list of quotas for exports to Germany include chemicals, pharmaceutical products and scientific instruments. Imports will include cameras, chemicals and paraffin wax.

Drug Plant for Mexico.—Construction has begun on a $1 million plant in Mexico City to produce prescription and non-prescription drugs. It will be owned and operated by Laboratorios Merrell-National, S.A. de C.V., a subsidiary of Richardson Merrell, Inc., who now operates five manufacturing plants outside the United States and has agreements with manufacturing agents in an additional thirty countries.

Anglo-Soviet Agreement.—The quota of Soviet consumer goods that may be imported into the United Kingdom this year is £3,270.000, c.i.f. The quota for British consumer goods going into the Soviet is £2,975,000, f.o.b. The Board of Trade will issue licences for capital goods up to a total of £2,750,000. c.i.f. Soviet authorities will license £750,000 for scientific and other instruments, £750,000 for chemicals and £500,000 for synthetic fibres and yarns.

West German Chemicals in 1961.—West Germany's chemical industry produced goods worth about DM24,000 millions in 1961, an increase of 3·6 per cent. over the previous year. The increase compares with one of 12·1 per cent. in 1960 against 1959 production, and with one of 7·7 per cent. in the output of total industry in West Germany last year against the previous year. Quantitatively, production rose by 5·9 per cent., which was slightly more than the increase registered by the whole of industry last year.

Australian Duty Changes.—Australia imposed higher duties on cheaper types of glucose, gelatin, animal glue and polythene on March 8. Imports of gelatin, which previously had been admitted duty-free from the United Kingdom, now bear a duty of halfpenny per lb. or 30 per cent.—whichever is the higher. Duties on low and medium-density polythene will be 25 per cent. British Preferential Tariff or otherwise 35 per cent. Previously British imports were free and others 12½ per cent., though both carried a temporary duty of threepence a lb. Duties on glucose are increased by £3 a ton to £16 10s. a ton British Preferential Tariff and £26 10s. for other origins.



"DISPENSERS": Left, a wire stand for Rennies and Aspro (Aspro-Nicholas, Ltd., Slough, Bucks). Right: Hair-net "dispenser" available from Robert Shaw & Co., Ltd., Ascot Road, Nottingham. By means of an incorporated eye loop the unit may be used as a hanging display box or for inclusion in pegboard display units. The "dispenser" is in black and white to match the film packet of the new American-style Madonna nylon invisible hair net. It holds 3 doz. and measures 2 x 4¼ in. at its base when on display.

PRINT AND PUBLICITY

PUBLICATIONS

Periodicals

CIBA, LTD., Basle, Switzerland: *CIBA Journal*. No. 20. Pp. 68.

INTERNATIONAL COMPUTERS & TABULATORS, LTD., 149 Park Lane, London, W.1: *ICI data processing journal*. No. 10. Pp. 36.

THE INTERNATIONAL NICKEL CO. (MOND), LTD., Thames House, Millbank, London, S.W.1: *The Nickel Bulletin*. Vol. 34, No. 12. Pp. 30.







POINT-OF-SALE PUBLICITY: Left, "Tumble" display drawing attention to free hair-brush offer by the makers of Vosene shampoo (County Laboratories, Ltd., Great West Road, Brentford, Middlesex). Centre and right, New showcards for Old Spice pre-electric shave lotion and hair cream (Shulton (Great Britain), Ltd., 100 Brompton Road, London, S.W.3).

JAMES A. JOBLING & CO., LTD., Wear Glass Works, Sunderland: *Pyrex Laboratory Glass*. No. 7. Pp. 8.

KODAK, LTD., Kingsway, London, W.C.2: *Kodak View*. Winter 1961/62. Pp. 30.

THE TIN RESEARCH INSTITUTE, Middlesex: *Tin and its Uses*. No. 54. Pp. 16.

Catalogues

DU PONT DE NEMOURS INTERNATIONAL S.A., Geneva, Switzerland: Index of industrial chemicals. Pp. 10.

EASTMAN CHEMICAL INTERNATIONAL A.G., Baarerstrasse 115, Zug, Switzerland: Product index. Pp. 6.

HAFFENDEN-RICHBOROUGH, LTD., Sandwich, Kent: Colour brochure of Submarine swimcaps. Pp. 8.

PAN BRITANNICA INDUSTRIES, LTD., Britannica House, Waltham Cross, Herts: P.B.I. garden products, 1962. Chart.

WHIFFEN & SONS, LTD., Loughborough, Leics: "Chemicals by Whiffens" — catalogue 1962. Pp. 12.



"DUMP" BIN: Designed to hold Bronco rolls and flat packs, the "dump" bin illustrated is now being supplied by sales teams of the manufacturers, Bronco, Ltd., Atlas Works, Berkshire Road, London, E.9. Printed in colour, the bin is made from corrugated board, and is easily erected. It was designed by Napper Stinton Woolley, Ltd.

ANGLO-AMERICAN TRADE

An agreement to cut some tariffs

AS a result of tariff concessions negotiated at the General Agreements on Tariffs and Trade (G.A.T.T.) conference which has been meeting since September 1960, Britain is to reduce tariffs on a list of items from the United States. In general they will be made in the second half of this year while the U.S. will make hers in two stages—an initial reduction this summer and a further one twelve months later.

Included in the list of British tariff reductions are: Sulphonamides, antibiotics and heparin, all reduced to 25 per cent. (from 33⅓ per cent.), electric shavers, 13 per cent. (15 per cent.), cameras with simple fixed focus lens but excluding folding cameras, 32 per cent. (40 per cent.), and photo enlargers, 40 per cent. (50 per cent.). Reductions in the American tariffs for British goods include: ergotamine tartrate, suphapyridine, chloral hydrate and toilet soap. A much larger list which the U.S. has negotiated with the European Economic Community should also benefit Britain since under the rules of the G.A.T.T. any tariff cut negotiated between individual members must be extended to all members. The cuts now agreed also apply to thirteen other countries.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, March 19

NOTTINGHAM BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Medico-Chirurgical Society, 64 St. James Street, Nottingham, at 7 p.m. Annual meeting and members' night.

PESTICIDES GROUP, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, at 3 p.m. Presentation of papers by Dr. E. E. Turtle (Ministry of Agriculture, Fisheries and Food) and Dr. N. W. Moore (Nature Conservancy) on "Pesticides and Wild Life." At Horseshoe hotel, Tottenham Court Road, London, W.1, at 6.30 p.m. Annual dinner.

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Plough Inn, Clapham Common, London, S.W.4, at 7.30 p.m. Resumed discussion on the report of the Committee on the General Practice of Pharmacy.

Tuesday, March 20

BRIGHTON TECHNICAL COLLEGE SCHOOL OF PHARMACY, Brighton, 7, at 7 p.m. Course on "Antibiotics." Mr. J. C. Floyd (pharmaceutical division, Imperial Chemical Industries, Ltd.) on "Formulation Problems."

CITY OF LONDON COLLEGE, Moorgate, London, E.C.2, at 5.45 p.m. Last of five lectures on "Trade in North America." Mr. P. Ford on "Exporting to North America."

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, North-west Kent College of Technology, Miskin Road, Dartford, at 8 p.m. Mr. F. P. Doyle (Beecham Research Laboratories, Ltd.) on "The New Penicillins."

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.30 p.m. Annual meeting, followed by an address by Mr. D. Allen (Ilford, Ltd.) on "Photomaking with a Small Camera."

ELECTRICAL ENGINEERS' EXHIBITION, Earls Court, London, S.W.5. (Until March 24.)

LIVERPOOL CHEMISTS' ASSOCIATION AND BRANCH, Exchange hotel, Liverpool, at 8 p.m. Discussion on the report of the Committee on the General Practice of Pharmacy.

OXFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Oxford Eye hospital, Walton Street, Oxford, at 8 p.m. Mr. W. R. Roberts (chief inspector, Pharmaceutical Society) on "A Review of Poisons Law."

SHEFFIELD BRANCH, INSTITUTE OF PACKAGING, Kenwood hotel, Sheffield, at 7 p.m. Annual meeting. Mr. J. Castle (Bowater Packaging, Ltd.) on "The European Common Market and its effect on Packaging."

STAFFORD BRANCH, INSTITUTE OF PACKAGING, Swan hotel, Stafford, at 7 p.m. Mr. J. Morris (Samuel Jones & Co., Ltd.) on "Speciality Coated Papers."

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Vane Arms hotel, High Street, Stockton-on-Tees, at 7.45 p.m. Mr. C. L. Clarke (Kodak, Ltd.) on "Colour and Common Sense."

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Hackwood hotel, Widmore Road, Bromley, Kent, at 8 p.m. Dr. F. H. Milner on "Allergic Diseases in Man, Their Diagnosis and Treatment."

WORCESTER AND HEREFORDSHIRE BRANCH, NATIONAL PHARMACEUTICAL UNION, Talbot hotel, Barbourne Road, Worcester, at 8 p.m. Addresses by Messrs. O. E. J. Jones and C. H. Smith (area candidates in N.P.U. Executive election).

Wednesday, March 21

CORROSION GROUP, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, at 6.30 p.m. Conversazione and exhibition on "Corrosion Science in Research and Industry."

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Parkway hotel, Leeds, at 7.30 p.m. Annual dinner.

MANSFIELD BRANCH, PHARMACEUTICAL SOCIETY, Normanton Inn, Clumber Park, Worksop, at 7.30 p.m. Annual dinner and dance.

SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, Purley Downs Golf Club, Purley, at 2.30 p.m. Opening meeting.

Thursday, March 22

BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Halfway House hotel, Dunstable, at 7.30 p.m. Annual dinner and dance.

BRISTOL BRANCH, PHARMACEUTICAL SOCIETY, Nurses' home, Southmead Hospital, at 7.30 p.m. Dr. G. H. Tovey on "Recent Advances in Blood Transfusion" (film).

COVENTRY AND WARWICKSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Coventry Flying and Country Club, Baginton Aerodrome, nr. Coventry, at 7.45 p.m. Supper dance.

EDINBURGH SECTION, SOCIETY OF CHEMICAL INDUSTRY, Heriot-Watt College, Chambers Street, Edinburgh, 1, at 7.30 p.m. Joint meeting with Chemical Society and Royal Institute of Chemistry. Three short papers on chemical engineering topics.

GLASGOW AND WEST OF SCOTLAND BRANCH, PHARMACEUTICAL SOCIETY, Lecture theatre, pharmacy department, Royal College of Science and Technology, George Street, Glasgow, C.2. Photographic course. "35-mm. Cameras," presented by Kodak, Ltd.

LIVERPOOL BRANCH, GUILD OF PUBLIC PHARMACISTS, Stork hotel, Queen's Square, Liverpool, at 6.30 p.m. Mr. K. W. Fitch, on "Hospital Pharmacy in the United States."

NORTHERN IRELAND SECTION, SOCIETY OF CHEMICAL INDUSTRY, chemistry lecture theatre, Queen's University, Stranmillis Road, Belfast, 7, at 7 p.m. Annual meeting. "Recent Trends in Instrumentation."

PONTYPRIDD AND RHONDDA VALLEY BRANCH, PHARMACEUTICAL SOCIETY. Scheduled dinner and dance cancelled; meeting on March 27 also cancelled.

ROYAL SOCIETY, Burlington House, London, W.1, at 10.30 p.m. Symposium on "Photosynthesis."

SOUTHERN AREA, INSTITUTE OF PACKAGING, Bonnington hotel, Southampton Row, London, W.C.1, at 6.30 p.m. Meeting on "New Developments in Packaging Films."

THAMES VALLEY PHARMACISTS' ASSOCIATION, Kingston hotel, Kingston-on-Thames, at 7.45 p.m. N.P.U. general meeting. "Pot Shots at the Executive."

Friday, March 23

CROYDON PHARMACISTS' ASSOCIATION AND BRANCH, Greyhound hotel, High Street, Croydon, at 8 p.m. Mr. J. W. Hadgraft (chief pharmacist, Royal Free Hospital) on "Pharmacy and Skin Diseases."

LANCASTER, MORECAMBE DISTRICT AND WESTMORLAND BRANCH, PHARMACEUTICAL SOCIETY, Priory Hall, China Street, Lancaster, at 7.45 p.m. Dr. F. E. Camps (a Home Office pathologist) on "Common Domestic Poisons."

LONDON SECTION, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, at 6.30 p.m. Jubilee Memorial lecture. Professor W. F. K. Wynne-Jones on "Modern Electrochemistry and its Applications."

ROYAL INSTITUTION OF GREAT BRITAIN, 21 Albemarle Street, London, W.1, at 9 p.m. Woodhull Lecture. Dr. M. Swann (professor of natural history, University of Edinburgh) on "The Proper Study of Mankind."

SCOTTISH SECTION, SOCIETY FOR ANALYTICAL CHEMISTRY, Royal College of Science and Technology, George Street, Glasgow, C.1, at 7.15 p.m. Mr. T. McLachlan on "The History of Food Technology."

Saturday, March 24

YORKSHIRE BRANCH, GUILD OF PUBLIC PHARMACISTS, Halifax General hospital, at 3 p.m. Annual meeting and film show.

UNITED COMMERCIAL TRAVELLERS' ASSOCIATION, Great Hall, Nottingham University, at 10 a.m. One-day conference on "The Common Market and the Commonwealth."

Advance Information

BRITISH MEDICAL ASSOCIATION ANNUAL MEETING, Belfast, Northern Ireland, July 19-27.

INTERNATIONAL INSTRUMENTS, ELECTRONICS AND AUTOMATION EXHIBITION, Olympia, London, W.14. May 28 to June 2.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Assembly hall, school of pharmacy, University of London, Brunswick Square, London, W.C.1, on April 5. Symposium on clinical trials. Topics covered will include the need for observations, organisation of trials in hospitals and general practice, pharmaceutical collaboration in clinical trials, the justification of distribution of new drugs and the significance of trials.

COMMERCIAL TELEVISION

Figures in the columns represent number of appearances of the product during the week

March 25-31	London	Midland	North	Scotland	Wales	South	N.E.	Anglia	Ulster	Westward	Border	Grampian	Eireann
4711 eau de Cologne	—	—	—	—	—	3	—	—	—	—	—	—	—
Alka Seltzer	3	—	3	2	2	3	2	5	2	2	3	2	—
Anadin	5	3	3	4	4	4	4	—	—	4	4	4	—
Askit powders	—	—	—	14	—	—	—	—	7	—	7	—	—
Aspro	—	—	4	—	—	—	—	—	5	—	—	—	4
Cuticura	2	—	1	—	—	—	—	—	—	—	—	—	—
Delrosa	—	3	2	3	3	3	3	—	3	—	—	—	—
Delsey	1	2	2	—	2	3	2	3	4	3	2	1	—
Dentu-Creme	—	—	—	—	—	1	—	—	—	—	—	—	—
Digestif Rennie	—	—	—	—	—	—	—	—	—	—	—	—	1
Dr. Wernets powder	3	—	2	—	—	—	—	2	—	—	—	—	—
Euthymol tooth-paste	1	1	1	1	1	1	1	1	2	2	2	2	—
Farleys	1	1	1	1	1	1	1	1	1	—	—	—	—
Hedex	—	—	—	—	—	—	4	—	—	—	—	—	—
Horlicks	—	1	1	2	1	1	1	4	1	1	1	2	—
Imperial Leather soap	3	2	2	3	3	3	3	3	3	2	2	2	—
Lano-spray	—	3	1	—	—	—	—	—	—	—	—	—	—
Loxene shampoo	—	—	—	—	—	—	—	—	—	—	—	—	3
Numoon	—	—	2	—	—	—	—	—	—	—	—	—	—
Nunale	—	—	2	—	—	—	—	—	—	—	—	—	—
Penetrol inhalant	2	2	2	—	—	—	2	—	—	—	—	—	—
Poli-Grip	—	—	—	1	—	—	—	—	—	—	—	—	—
Pretty Quick	—	5	1	1	1	—	1	1	1	—	—	1	—
Rimmel "beauty on a budget"	1	1	1	1	1	1	1	2	—	1	—	—	—
Rinstead pastilles	1	2	1	1	1	1	1	—	—	—	1	—	—
Rosedale dry shampoo	—	—	—	—	—	—	—	1	—	—	—	—	—
Sanatogen	1	1	1	1	1	—	—	—	—	—	—	—	—
Schick razors and blades	3	—	—	—	—	—	—	—	—	—	—	—	—
T-Zone	—	—	—	—	—	1	—	—	—	—	—	—	—
VO-5 hair spray	5	4	5	1	—	—	—	—	—	—	—	—	—

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," February 28

For insecticides, larvicides, fungicides and insecticidal fruit dips: preparations for killing weeds and destroyng vermin (5)

KOTOL, 821,653, by Shell International Petroleum Co., Ltd., London, E.C.3.

For medical and surgical plasters; materials prepared for bandaging; sanitary towels, tampons, and sanitary clothing; materials for stopping teeth; and dental wax (5)

MABELLE, 822,508, by Mab Och Mya, A.B., Malmo, Sweden.

For pharmaceutical preparations (not being preparations for the treatment of the skin) and veterinary preparations (5)

BEAM, 825,031, by Universal Laboratories, Ltd., Sandwich, Kent.

For pharmaceutical products for human and veterinary use (5)

ALANARC, 823,406, by L'Equilibre Biologique (Association Technique Pharmaceutique et Equilibre Biologique Réunis), Commentry (Allier), France.

For pharmaceutical preparations and substances for human and veterinary use; sanitary substances and disinfectants (5)

GROFAS, B824,225, by Imperial Chemical Industries, Ltd., London, S.W.1.

For pharmaceutical, veterinary and sanitary substances; infants' and invalids' foods; materials prepared for bandaging; medical and surgical plasters; and disinfectants (5)

KELFIZINA, 825,203, by Società Farmaceutici Italia, Milan, Italy.

For bathing caps (25)

BRITMARINE, B822,705, by W. W. Haffenden, Ltd., Sandwich, Kent.

For milk and milk products (for food) (29)

ARLAC, 821,144, by Cow & Gate, Ltd., Guildford, Surrey.

From the "Trade Marks Journal," March 7

For chemical preparations and substances for laboratory use in diagnostic and analytical tests in connection with blood (1)

HEMASTIX, 823,512, by Ames Co., Inc., Elkart, Indiana, U.S.A.

For shampoos (3)

Device with word VOLUME, 814,244, by Laboratoires Roger, Berne, Switzerland.

For toilet waters (3)

BODY MIST, 799,194, by County Laboratories, Ltd., Brentford, Middlesex.

For preparations for the hair, and toilet articles for use therewith (3)

Device with word GOLDWELL, B816,533, by Goldwell, G.m.b.H., Chemische Fabrik H. E. Dotter, Darmstadt-Eberstadt, Germany.

For non-medicated shampoos for human use (3)

PREEP, 818,549, by Lautrec (Cosmetics), Ltd., Bournemouth, Hants.

For all goods, but not including essential oils (3)

SWEETHEART, 824,684, by Purex Corporation, Ltd., Lakewood, California, U.S.A.

For non-medicated perfumed bath flakes (3)

SUMMER RAIN, 825,004, by David Thom & Co., Ltd., Salford, 6, Lancs.

For non-medicated toilet preparations, cosmetic preparations, and sachets for use in waving the hair (3)

INDOLIS, 827,220, by Indola, N.V., Rijswijk, Z.H., Netherlands.

For non-medicated creams for the hands (3)

PRO-GRIP, 827,262, by Pro-Grip, Ltd., London, W.C.1.

For all goods (3)

PANTYL, 827,539, by Roche Products, Ltd., Welwyn Garden City, Herts. HYMOSA, 828,081, by New Era Laboratories, Ltd., London, E.C.1.

For cosmetic and non-medicated toilet preparations, all for sale in the United Kingdom otherwise than for export but not excluding goods for export to the Irish Republic (3)

Device, 828,124, by Reckitt & Sons, Ltd., Hull, Yorks.

For all goods (5)

PANTYL, 827,540, by Roche Products, Ltd., Welwyn Garden City, Herts. Device, 827,546, by James Robertson & Sons, Preservc Manufacturers, Ltd., Paisley, Scotland.

For deodorants (5)

REDEX ODOREX, 806,944, by Redex, Ltd., London, W.4.

For disinfectants and antiseptics (5)

DIS-PLE, 811,600, by British Products Sanmex Co., Ltd., Rutherglen, nr. Glasgow.

For pharmaceutical preparations and substances, all derived from liver (5)

HEPANOR, 817,950, by Wallace Manufacturing Chemists, Ltd., London, N.W.3.

For anticoagulant and fat-clearing preparations for use in medicine (5)

LIPO-HEPIN, 819,481, by Riker Laboratories, Inc., Northridge, California, U.S.A.

For pharmaceutical preparations and substances for gynæcological use (5)

LYNDIOL, 820,020, by Organon Laboratories, Ltd., London, W.C.2.

For medicated confectionery for the relief of affections of the throat (5)

BENSON'S THROATS, B821,935, by Bensons Confectionery, Ltd., Bury, Lancs.

For pharmaceutical and medicinal preparations and substances for human and veterinary use (5)

PROPER-MYL, 822,144, by Laboratori Myl, S.p.A., Rome, Italy

For pharmaceutical preparations (5)

SILENTIUM, 822,951, by Richardson-Merrell, Inc., New York, U.S.A.

For veterinary preparations (5)

MURNIL, 823,546, by Winthrop Group, Ltd., Surbiton, Surrey.

For pharmaceutical and veterinary preparations (5)

PULTOXLAM, 823,794, by Pfizer, Ltd., Sandwich, Kent.

For insect-repelling preparations (5)

BINBAN, 824,478, by Winthrop Group, Ltd., Surbiton, Surrey.

For pharmaceutical preparations and substances (5)

VASCOHED, 824,857, by Winthrop Group, Ltd., Surbiton, Surrey.

For pharmaceutical preparations containing iron (5)

FERRO-SUSTETS, 825,687, by American Cyanamid Co., New York, U.S.A.

For pharmaceutical preparations for use in the treatment of influenza (5)

COMBIFLU, 826,030, by Chas. Pfizer & Co., Inc., Brooklyn, New York, U.S.A.

For deodorants for use with diesel fuels (5)

REDEX REODOREX, 806,943, by Redex, Ltd., London, W.4.

For pharmaceutical products for intravenous use (5)

AMBRAVEIN, 827,731, by Lepetit, S.p.A., Milan, Italy.

For weed-killing preparations, vermicides, insecticides and fungicides (5)

MESYSTON, 827,842, by Farbenfabriken Bayer, A.G., Leverkusen, 22c, Germany.

For cameras and projection apparatus, all being photographic or cinematographic, and parts (9)

MARKSMAN, 823,176, by Rank Precision Industries, Ltd., London, W.1.

For all goods (10)

PRESSULE, PRESSULES, 825,659-60, by John Bell & Croyden, London, W.1.

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical periodicals

INSULIN treatment of schizophrenia. *Lancet*, March 10.

BIS-2-HYDROXY-5-CHLOROPHENYL SULPHIDE. Vaginal thrush treated with. *Lancet*, March 10.

PENICILLIN G and related substances. Cross-allergenicity of. *Lancet*, March 10.

SALICYLATES and gastro-intestinal bleeding. *Brit. med. J.*, March 10.

FUSIDIC ACID: a new antibiotic. *Nature*, March 10.

METFORMIN in treatment of diabetes mellitus. *Brit. med. J.*, March 10.

POISONING. Twenty-one uncommon cases of. *Brit. med. J.*, March 10.

COLORANTS for pharmaceuticals. *J. Pharm. Sciences*, February.

TESTING *in vitro* of timed release tablets and capsules. *J. Pharm. Sciences*, February.

AMBERGRIS. Analyses of samples of. *Nature*, March 10.

ASPIRIN preparations, their noxious effect on the gastro-intestinal tract. *Brit. med. J.*, March 10.

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED

From the "Official Journal (Patents)," March 7

Method for the modification of vaccines and toxoids and products obtained. E. N. W. Kidwell. 894,568.

Vaccines. Allen & Hanburys, Ltd. 894,603.

Steroids and the manufacture thereof. Upjohn Co. 894,604-642.

Inhalant anæsthetic compositions. Imperial Chemical Industries. 894,823.

Vaccine process. Chas. Pfizer & Co., Inc. 894,615.

Citric acid derivatives. Reheis Co., Inc. 894,752.

Therapeutic tetracycline compositions. Bristol-Myers Co. 895,027.

Aqueous pharmaceutical solutions containing anti-inflammatory steroids. American Cyanamid Co. 894,810.

Stabilised liquid preparations comprising tetracycline antibiotics. Chas. Pfizer & Co., Inc. 894,619.

Substances inhibiting the growth of tumours. Chas. Pfizer & Co., Inc. 895,037.

Compositions for tropical use comprising hydrocortisone and cinchophen. Gillette Co. 894,621.

Process for cultivating the virus of foot-and-mouth disease. Farbenfabriken Bayer, A.G. 894,623.

Steroids and the manufacture thereof. Upjohn Co. 894,605.

Continuous fermentation process for the production of a chemical product. National Research Development Corporation. 894,899.

Bistriazinylamino-stilbene derivatives. Farbenfabriken Bayer, A.G. 894,744.

Esters. Rohrchemie, A.G. 894,850.

Process for preparing 1-ethynylcyclohexanol and homologues. Rohm & Hass Co. 894,907.

Substituted aralkyl phenothiazinylalkyl piperazines. Smith Kline & French Laboratories. 894,913.

Process for the manufacture of acylsulphanylguanidines. Farbenfabrik Wolfen Veb. 895,009.

Tannates of morphine alkaloids. Irwin, Neisler & Co. 894,609.

Method for the preparation of N,N¹,N¹¹-triethylenethiophosphoramide. Simes, S.p.A. 894,820.

Yohimban derivatives. Soc. Nogentaise de Products Chimiques and A. Buzas. 894,866.

Substituted 2,5-dien-4-one steroid derivatives. Julian Laboratories, Inc. 894,636.

Steroids and the manufacture thereof. Upjohn Co. 894,710.

Derivatives of N-alkoxy-N-alkyl-dithiocarbamic acid and pest control compositions thereof. Farbwerke Hoechst, A.G. 894,792.

Thiophosphoric acid esters. Farbenfabriken Bayer, A.G. 894,740.

Thiophosphoric esters of tertiary acetylenic alcohols. Montecatini Soc. Generale per l'Industria Mineraria E Chimica. 894,759.

Medicated Products. Upjohn Co. 894,832.

Sterilisation of hypodermic syringes. S. R. J. Everett & Co., Ltd. 894,854.

Method for sterilisation of heat-exchangers and a heat-exchanger adapted therefor. A.B. Separator. 894,462.

Drying kilns for granulated substances. E. G. Loesche. 894,695.

British patent specifications are obtainable (price 5s. each) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2.

WILLS

MR. W. BARRIE, M.P.S., 21 Endymion Road, Harringay, London, N.4, left £1,387 (£1,284 net).

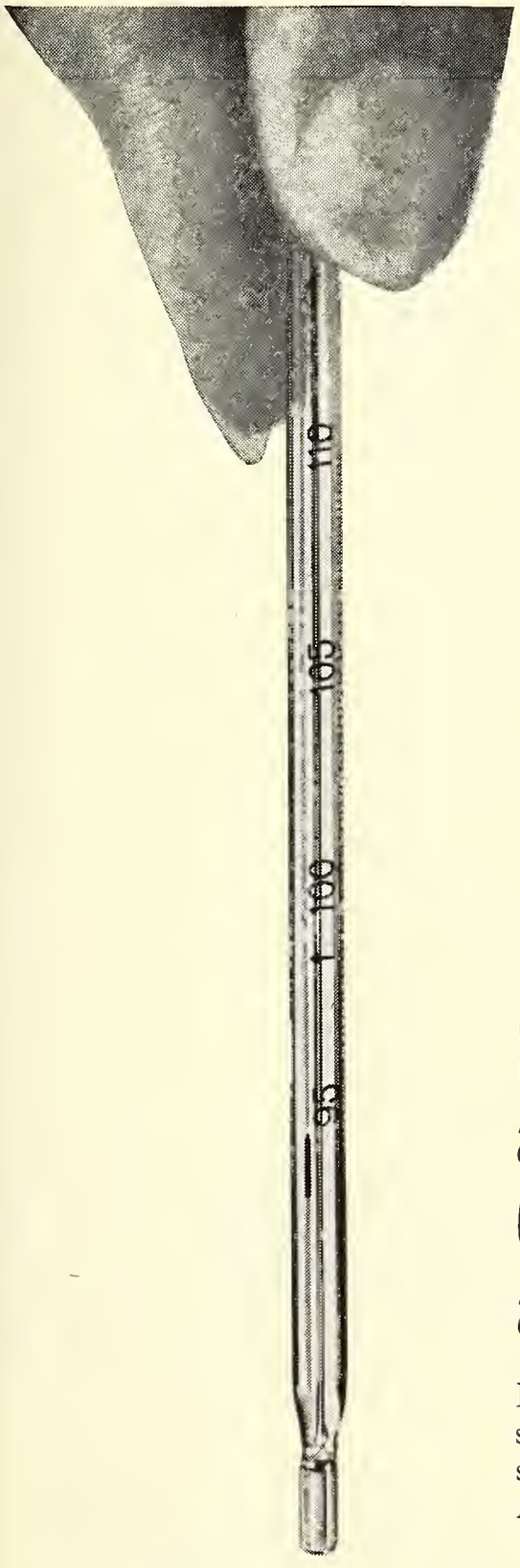
MR. R. E. A. MORGAN, M.P.S., The Pharmacy, Llanon, Cards, left £4,930 (£3,327 net).

MR. J. C. PUGH, M.P.S., Calton, 41 Windy House, Ross-on-Wye, Herefords, left £12,107 (£17,434 net).

MR. W. R. A. SMITH, M.P.S., Round Garth, Silver Street, Stainforth, Doncaster, Yorks, left £840 gross.

MR. J. STOTHARD, M.P.S., 17 Holmlands Park, Chester-le-Street, co. Durham, left £3,905 (£3,643 net).

MR. J. WILLIAMS, M.P.S., Manod, Arenig Street, Bala, Merioneths, left £7,431 (£7,377 net).



In the time it takes to take a temperature, 680 cans of Heinz Baby Foods are bought by mothers.

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Most mothers like to spend time selecting varieties and prefer a shop with a Baby Corner or Baby Department where they can do this undisturbed. Devices like shelf dividers and name tabs are all valuable aids to self-selection. Ask your Heinz sales merchandiser for full details of all these sales aids when he calls.



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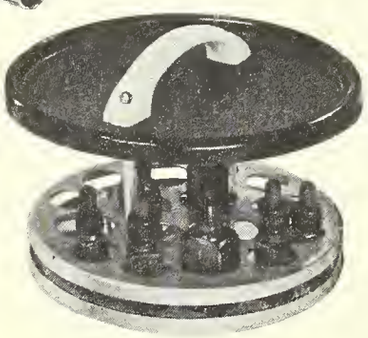
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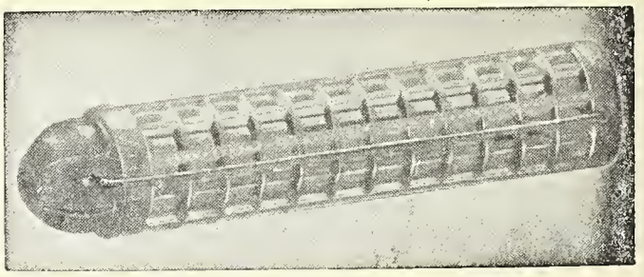
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the world's best and cheapest (unbreakable) are available in
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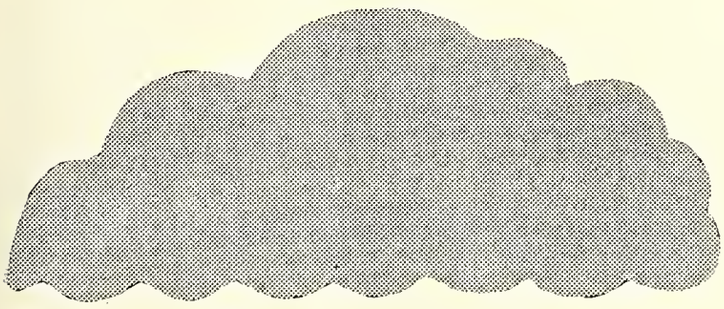


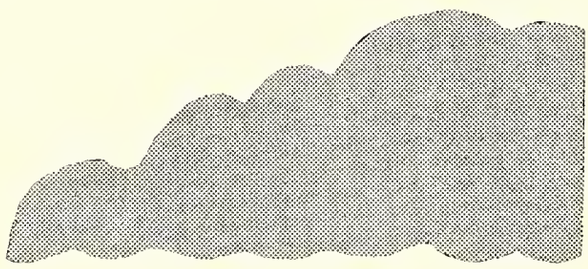
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the suntan cream that

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Brings instant relief in the most severe cases

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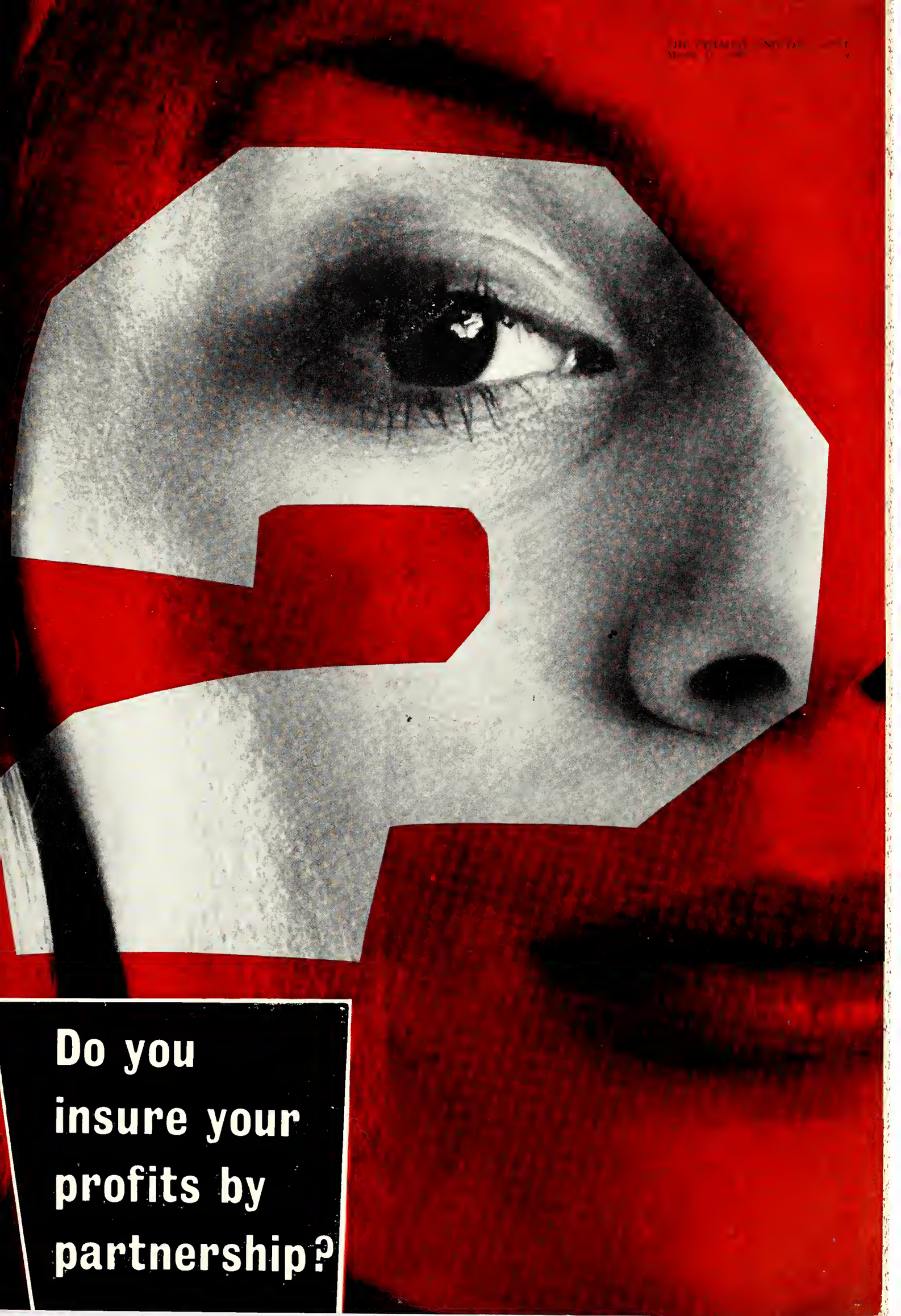
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Ask your wholesaler for partnership products

. . . those advertised in *Woman*

the most powerful weekly for women in the world

Better than every third woman who enters your store has been influenced by



Woman

Woman' is the biggest of all forces r selling to women. Over 8,000,000 omen see goods advertised in Woman.' They believe in them ecause they believe in the magazine.

hey come to your store to ask for iem. There's hardly a place in the ountry where this doesn't happen hen goods are advertised to the artnership—through 'Woman.'

on't ignore this power. Stock Woman'-advertised products. They're ie best insurance of having what very one in three of your women ustomers will be asking for.



This is 'Woman' which controls a weekly partnership of over 8,000,000 women customers who trust 'Woman' to tell them what to buy.

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FREEDOM FROM PURCHASE TAX on the Bonus Tins.

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23/9
SELL **12** FOR **34/-**
REAL PROFIT FOR YOU
10/3

Over 10d. profit on every tin.

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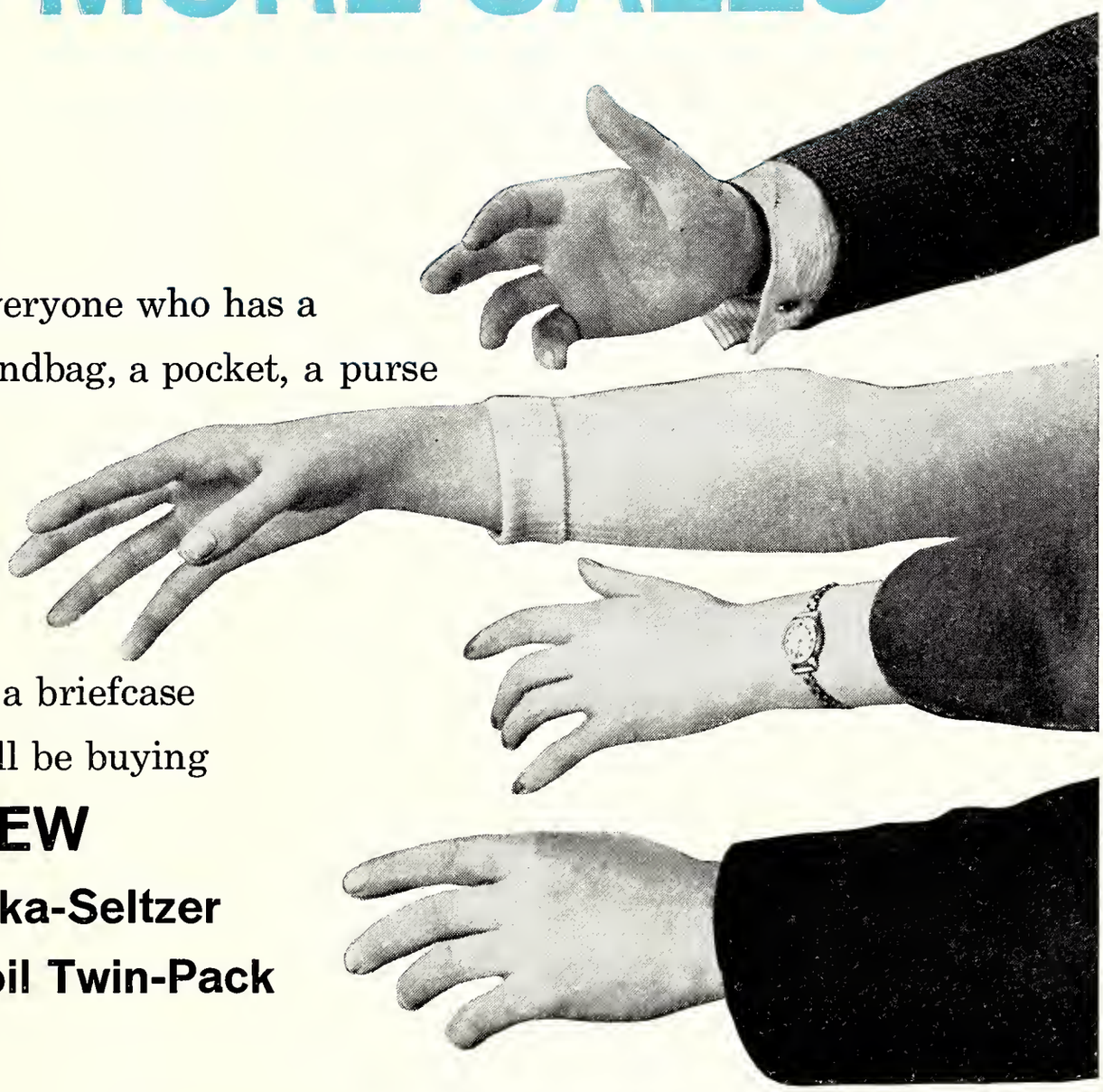
TWIN-PACKS



GIANT TV LAUNCH begins next Monday March 19th on all stations... and goes right on into the summer... launching NEW ALKA-SELTZER FOIL TWIN-PACKS.

You'll see

MORE SALES



Everyone who has a
handbag, a pocket, a purse
or a briefcase
will be buying

NEW
Alka-Seltzer
Foil Twin-Pack

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for extra sales from regular customers.

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Sterilizing instructions included with each bottle.





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ELGAR 6006

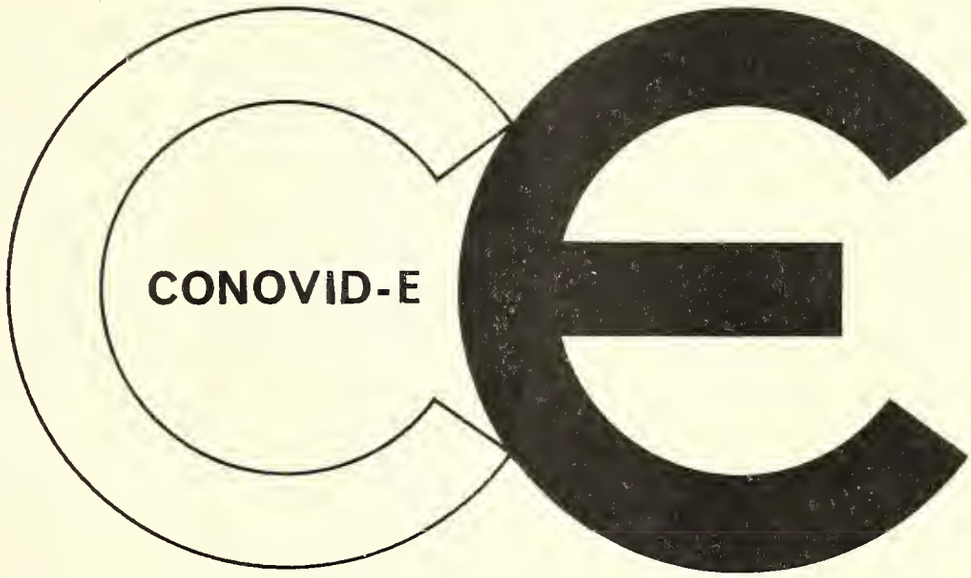
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IACW/1/31

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provides the same unsurpassed effectiveness as Conovid.

Searle at lower cost

1 CONOVID-E contains the same active ingredients as Conovid but in different proportions: CONOVID-E tablets contain 2.5 mg. norethynodrel with 0.1 mg. ethinyloestradiol 3-methyl ether EE3ME. Conovid tablets contain 5 mg. norethynodrel with 0.075 mg. EE3ME.

It is emphasised, therefore, that one half tablet of Conovid is not the same as a tablet of CONOVID-E.

2 Trials in more than 1,500 women for over 9,000 cycles have shown that CONOVID-E has the same unsurpassed effectiveness as Conovid.

3 CONOVID-E is much cheaper than Conovid and costs only 10/- for a month's course of 20 tablets. The Trade Price of CONOVID-E is 6/8d.

4 CONOVID-E is in Schedule 4 (b) and like Conovid which remains available is obtainable on prescription only.

5 It is essential that the patient should receive the special Directions for Use enclosed with each pack of 20 CONOVID-E tablets.

6 Literature on Conovid and CONOVID-E is available on request.

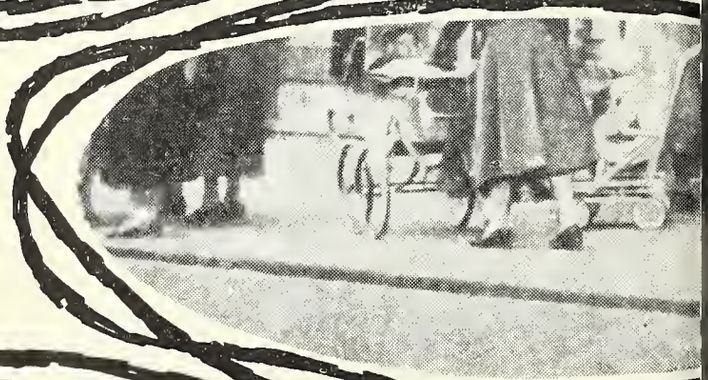
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G. D. Searle & Co. Ltd. High Wycombe Bucks

SR 196

C

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MEDICATED

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plus 10% surcharge

SPECIAL TERMS TO WHOLESALERS

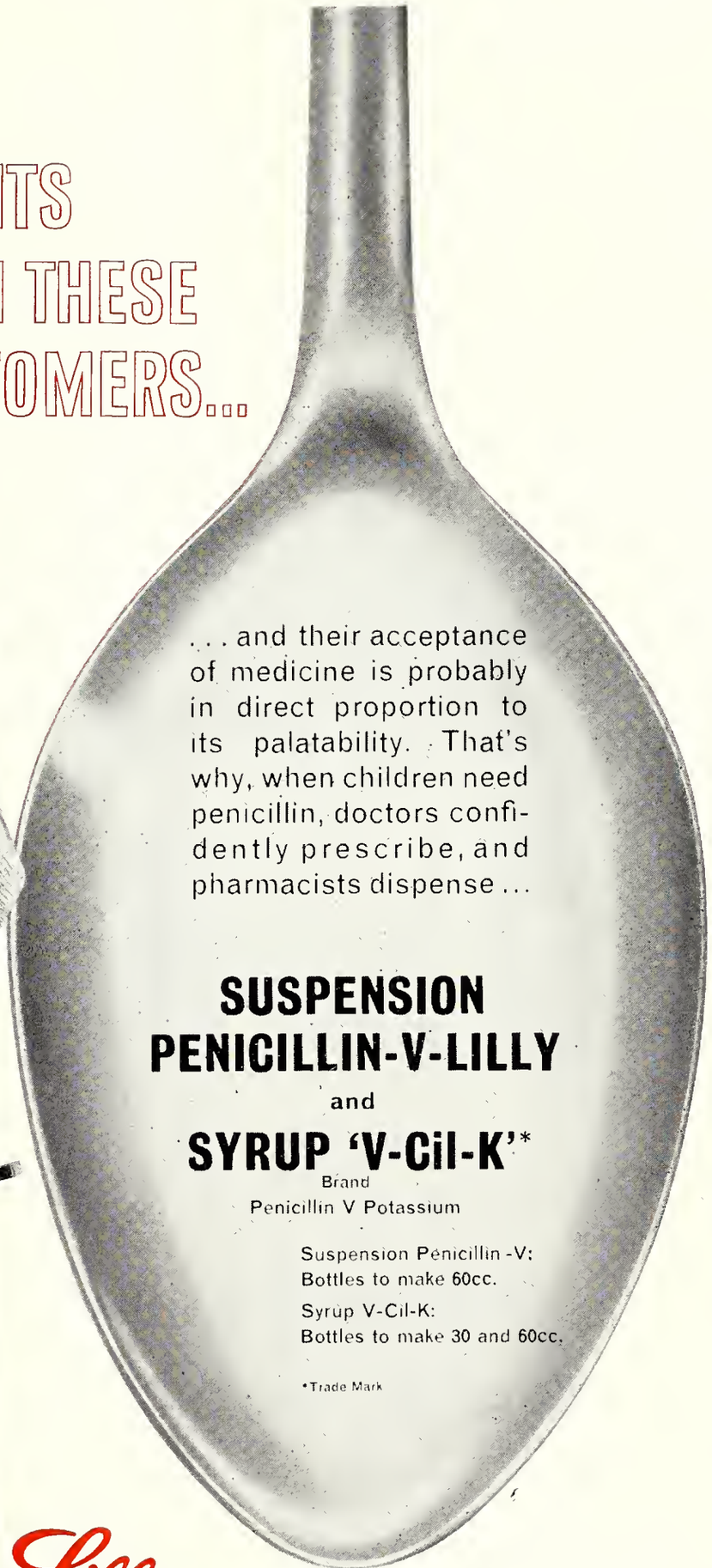
Advertisements now appearing in selected newspapers
and journals in many areas of London and Home Counties

BUTLER & CRISPE LTD.

80/84 Clerkenwell Road, London E.C.1

TASTE COUNTS WITH THESE CUSTOMERS...





... and their acceptance of medicine is probably in direct proportion to its palatability. That's why, when children need penicillin, doctors confidently prescribe, and pharmacists dispense ...

SUSPENSION PENICILLIN-V-LILLY

and

SYRUP 'V-Cil-K'*

Brand

Penicillin V Potassium

Suspension Penicillin-V:
Bottles to make 60cc.

Syrup V-Cil-K:
Bottles to make 30 and 60cc.

*Trade Mark

Lilly

ELI LILLY AND COMPANY LIMITED · BASINGSTOKE · ENGLAND

F

new from MOORE'S a

a safe, effective, non-aspirin junior analgesic **AN-JEL** in a readily acceptable, sweet-jelly form!

An-jel is the new, non-irritant junior analgesic for the quick, effective relief of aches and pains, colds, fevers, toothache—and accompanying stomach upsets. An-jel replaces aspirin by specially formulated phenacetin, salicylamide and calcium phosphate and is *non-irritant and more effective*. And An-jel is made as a sweet-tasting jelly, in handy, hygienic tubes. It can be easily administered and readily accepted — even by infants.

BIG-BONUS INTRODUCTORY OFFER!

13 TO THE DOZEN ON 1 DOZEN ORDERS
14 TO THE DOZEN ON 2 DOZEN ORDERS
15 TO THE DOZEN ON 3 DOZEN ORDERS

Plus a further discount of 10%—and two free dispenser displays!
Offer closes April 30th, 1962

MADE BY MOORE MEDICINAL PRODUCTS, ABERDEEN, SCOTLAND
LONDON OFFICE: 64 GLOUCESTER PLACE, LONDON, W.1. Tel. WELBECK 5718/9



MOORES
An-jel
REGD.
JUNIOR ANALGESIC JELLY



Nationally advertised!

Mothers everywhere will see
mpelling and persuasive An-jel
advertisement—many times over
larch and November—in all these
important women's magazines:

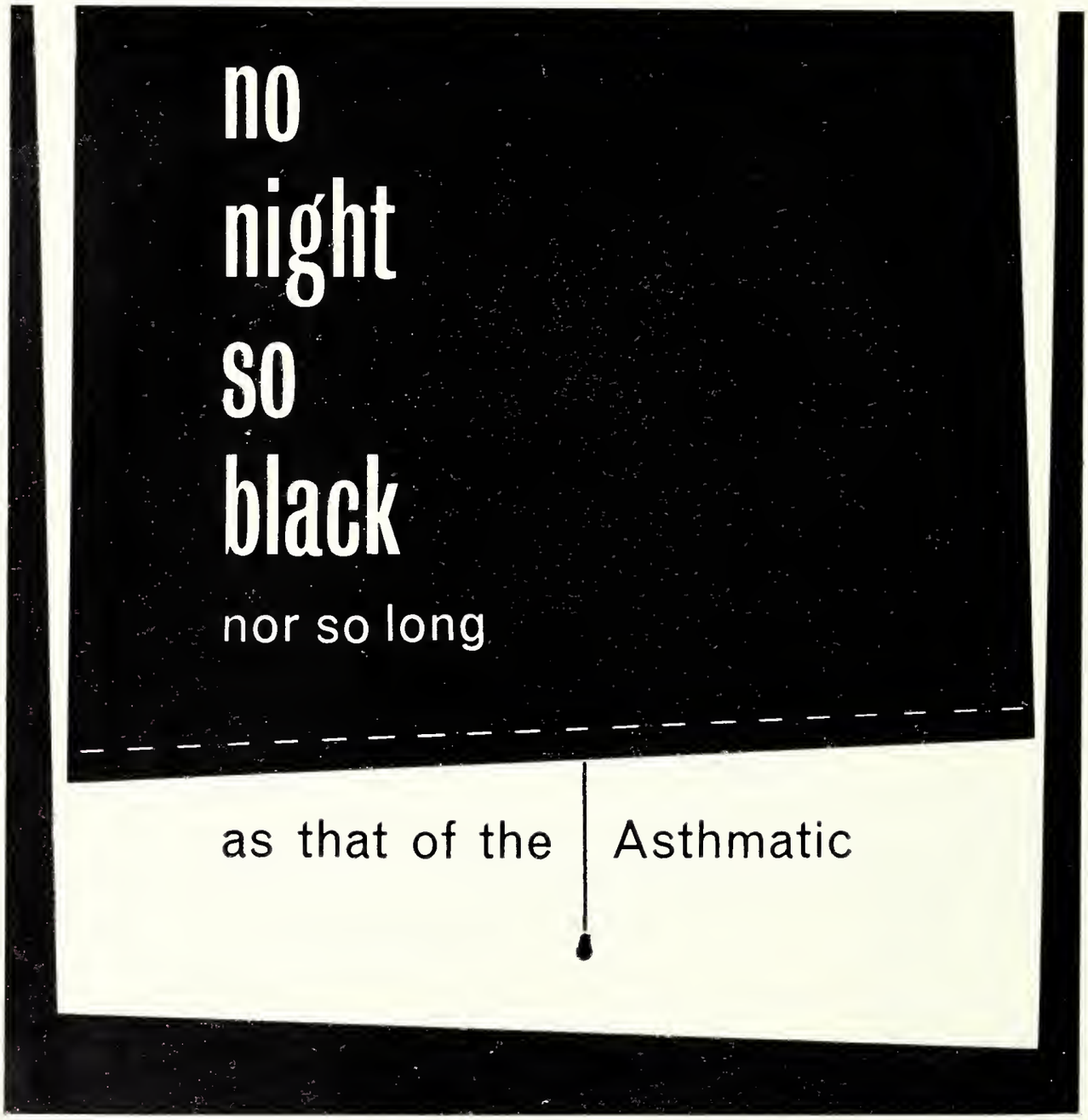
WOMAN'S OWN · FAMILY DOCTOR
PARENTS · MOTHER · NURSERY WORLD
—and special publications

Mothers everywhere
e asking for
AN-JEL



ock, display & introduce AN-JEL

-there's bound to be a big demand!



new NORISODRINE *Syrup*

Regd.

acts as a preventive agent against asthma before an attack can begin—and works to control allergic or bronchitic cough (without the inclusion of often-undesired antihistamines).

This potent new treatment combines a bronchodilator of proven efficacy, Norisodrine (Isoprenaline sulphate B.P.) plus the mucus-thinning agent, calcium iodide. In treating the patient's cough and/or wheeze, Norisodrine Syrup takes care of his anxiety, thereby acts to relieve cough-induced tension which often will affect frequency and severity of attacks.

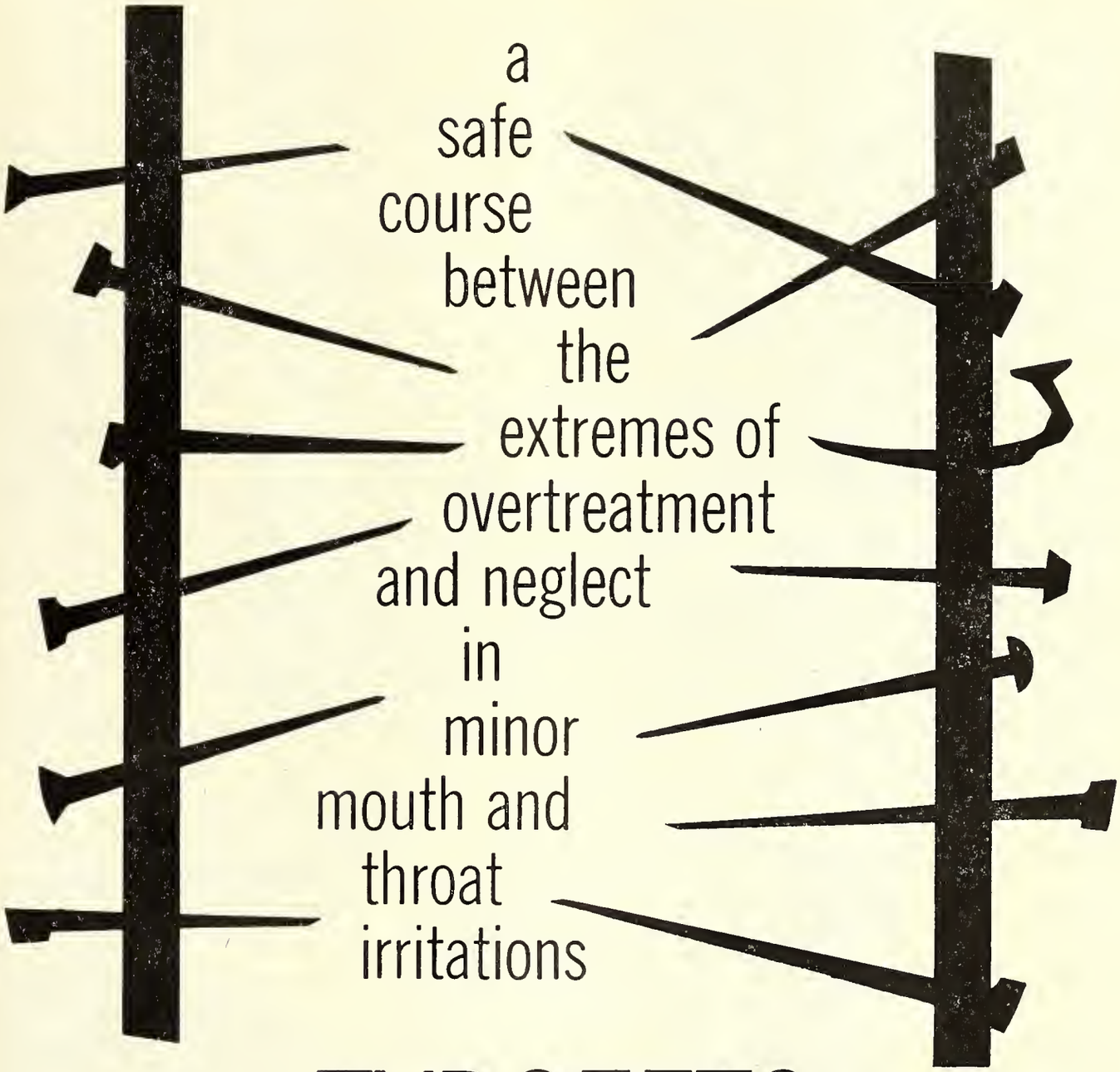
Norisodrine Syrup also has the advantage of an exceptionally good taste—a pleasant delicate flavour that will be appreciated by younger patients, and those older patients likely to receive long-term therapy.

Each 30 c.c. of Norisodrine Syrup contains:

Norisodrine (Isoprenaline sulphate B.P.) 18 mg.
Calcium Iodide (Anhydrous) ..... 900 mg.
in a palatable syrup

For a copy of literature on Norisodrine Syrup please write to:

ABBOTT LABORATORIES LIMITED · QUEENBOROUGH · KENT



a safe course between the extremes of overtreatment and neglect in minor mouth and throat irritations

TYROZETS Regd

THROAT LOZENGES

These universally accepted lozenges contain tyrothricin, a quick-acting and highly effective antibiotic, and benzocaine for its local anaesthetic effect. The agreeable flavour appeals to all — the young and not-so-young alike.

'TYROZETS' are supplied in counter display outers of 12 vials. They retail at 2/6d. per vial (exempt P.T.) and can be sold by pharmaceutical chemists without prescription.

Made in England by

MSD MERCK SHARP & DOHME LIMITED, HODDESDON, HERTS



TABASAN

For ASTHMA, BRONCHITIS and HAY FEVER

Tabasan Tablets are internationally famous for the speedy relief of these distressing conditions . . . they are absolutely safe and will create goodwill amongst your customers by your recommendation.

ORDER TABASAN · SHOW TABASAN · SELL TABASAN

PRICE ADJUSTMENT

	Retail	Cost	Tax
12's	1/6	9/8 dozen	2/8 dozen
50's	3/3	21/- ,,	5/9 ,,
100's	5/9	37/- ,,	10/2 ,,

Manufactured by

AYRTON SAUNDERS & CO. LTD. HANOVER ST. LIVERPOOL

IDENTIFY YOUR SHOP



IN FOUR COLOURS WITH A ROLL BOY HAND PRINTER

Pharmacists! Identify your wrapping paper, letterheads and stationery with your Shop title in up to four colours. The Roll Boy Hand Printer produces brilliant, non-smudge wording and designs to your own specification. Roll Boy's precision-made rubber stereo lasts indefinitely and will make thousands of good impressions on your behalf.

Price Complete £3.3.0
CARRIAGE PAID

Write for full details and descriptive brochure to : Telephone: 610132

ROLL BOY SALES LIMITED

DEPARTMENT C.D., 70 PILGRIM STREET, NEWCASTLE UPON TYNE, 1.

The M. + P. fleet of delivery vans covers the whole North-East from Tweedside to Wearside, and beyond, with daily deliveries—*TWICE DAILY in some areas.*

Telephone your orders for prompt attention—day and night service.





M+P

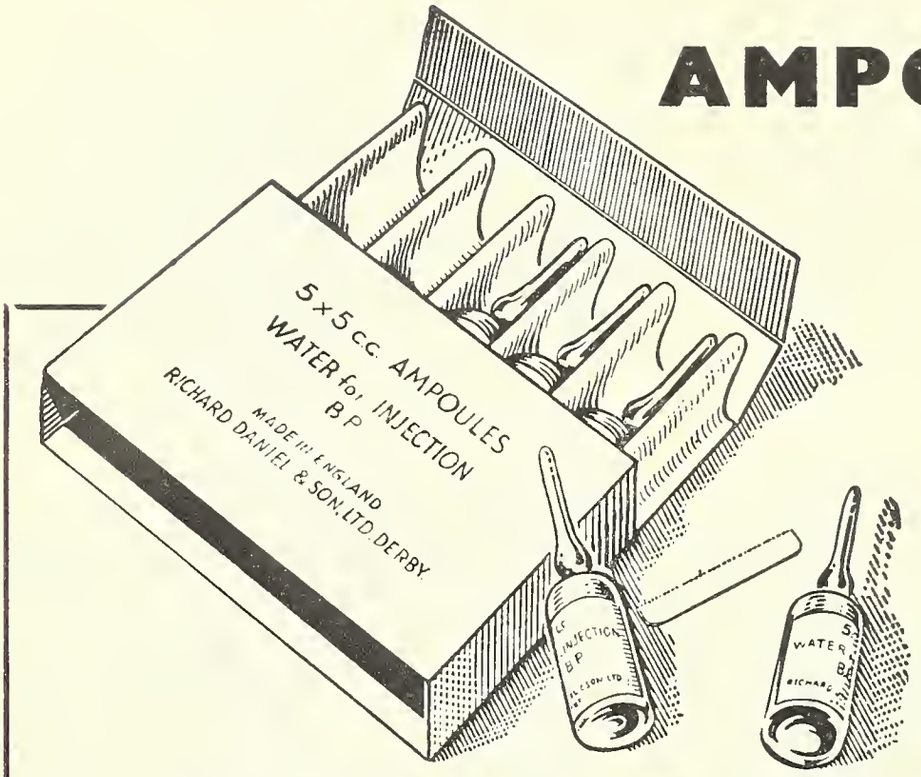
STOCKISTS of ALL LEADING ETHICALS

—the PLUS Service for Pharmacists in the North-East

MAWSON & PROCTOR PHARMACEUTICALS LIMITED

Low Friar Lane, Newcastle-on-Tyne 1

Telephone 29751 (9 lines)



AMPOULES

of

INJECTION SOLUTIONS

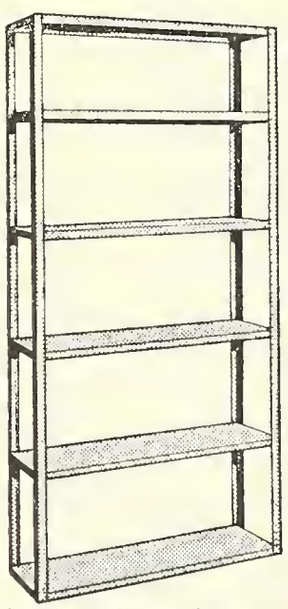
Price List on application

A FULL RANGE IN ALL SIZES MANUFACTURED BY

RICHARD DANIEL & SON LTD

MANSFIELD ROAD, DERBY TEL: 40671 (10 lines)

Also at ASHTON-UNDER-LYNE. TEL: 5161 (9 Lines) and GRASSMOOR. TEL: Holmewood 481 (5 lines)



Any size made to order

THE BEST BUY IN U.K.

STEEL SHELVING

BRAND NEW HEAVY GAUGE

65/-

Free delivery within 14 days. N. Scotland, Ireland, I.O.M. Carriage forward.

71" high x 34" wide, 12" deep with 6 shelves as illustrated.

Height	Width	Depth	No. of Shelves	Price	Price each 3 or more
71"	34"	9"	6	63/-	61/-
71"	34"	12"	6	65/-	63/-
71"	34"	15"	6	85/-	83/-
85"	34"	12"	6	73/-	71/-
85"	42"	12"	6	91/-	89/-

Each shelf will hold over 3 cwt — Shelves adjustable every 2" — Stove enamelled dark green — White enamel units 30/- extra

ROCHDALE METAL PRODUCTS

DEPT. C. & D. DEVON ST. WORKS Tel. ROCHDALE 40070/78

Submarine REGD.

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SANDWICH · KENT

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Please add name and address below and send this advertisement to the above address


from
beginning
to
end....

PHA1832/120

Before raw materials are used for production purposes they must be sampled and satisfy the rigid standards laid down by the May & Baker Analytical Control Division.

Expert vigilance continues throughout all stages of manufacture until the final product is packed and sealed.

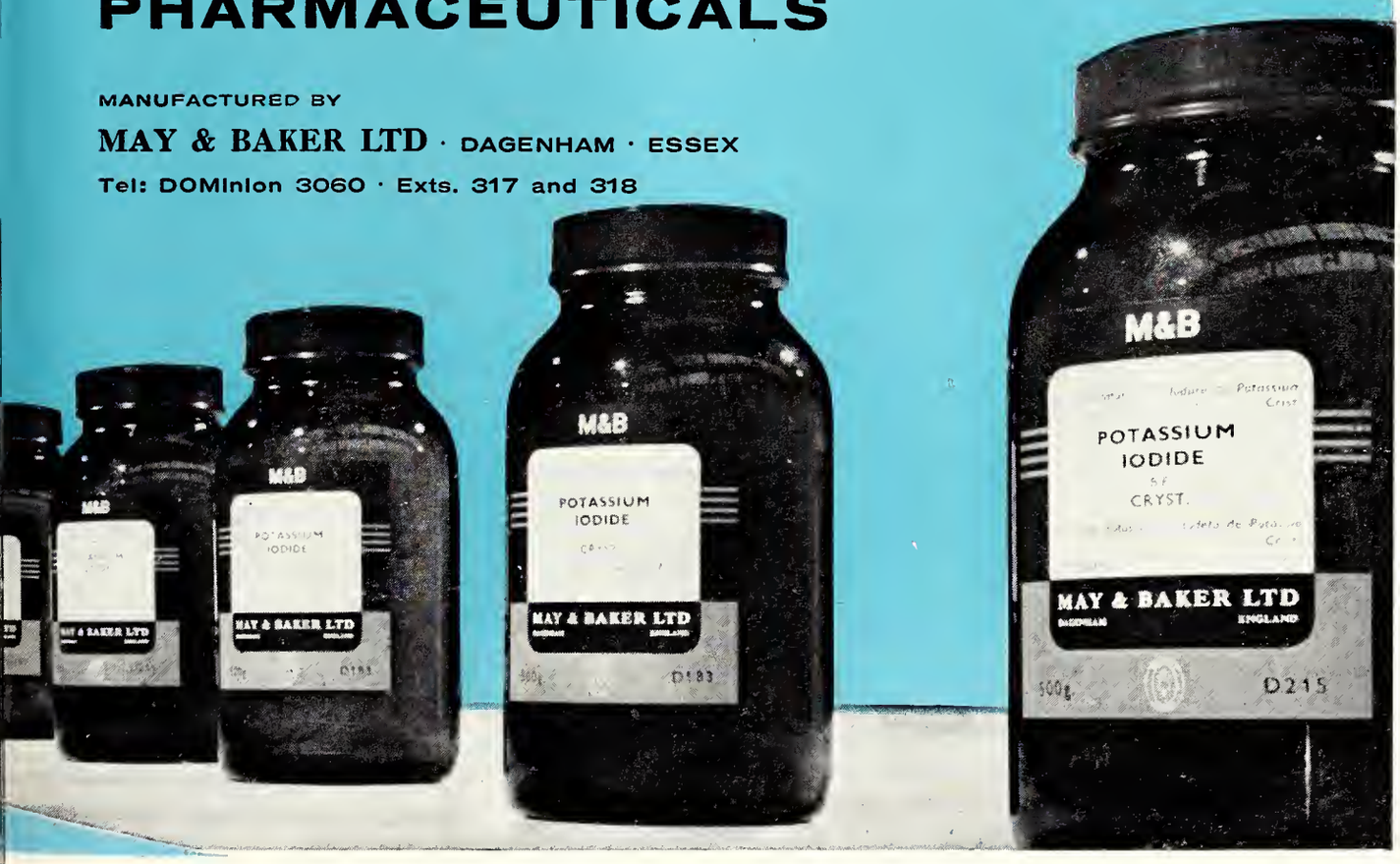
the range includes:

BARBITURATES · BISMUTH SALTS · BROMIDES
CAFFEINE AND PREPARATIONS · CHLOROFORM
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M&B
BRAND

PHARMACEUTICALS

MANUFACTURED BY
MAY & BAKER LTD · DAGENHAM · ESSEX
Tel: DOMinion 3060 · Exts. 317 and 318



Extra profit if you order Suba-Seal now!

There's 5% extra discount if you order now and take delivery before December 31st. This is additional to the generous 33⅓% mark-up!



REGISTERED

SUB-A-SEAL

TRADE MARK

Serial No ★ 1593.
BRITISH GOOD HOUSEKEEPING INSTITUTE
GUARANTEES
REPLACEMENT OR REFUND OF MONEY IF NOT IN CONFORMITY WITH THE INSTITUTE'S STANDARDS

Never before have hot water bottles been advertised like this!

15 million customers will be told: 'This hot water bottle cannot leak' — again and again, throughout the selling season in: Woman's Own Woman's Realm · Woman's Weekly... plus special booster advertisements during cold spells — scientifically timed for your area by top weather forecasters.



BABY FEEDING PRODUCTS, TOO!

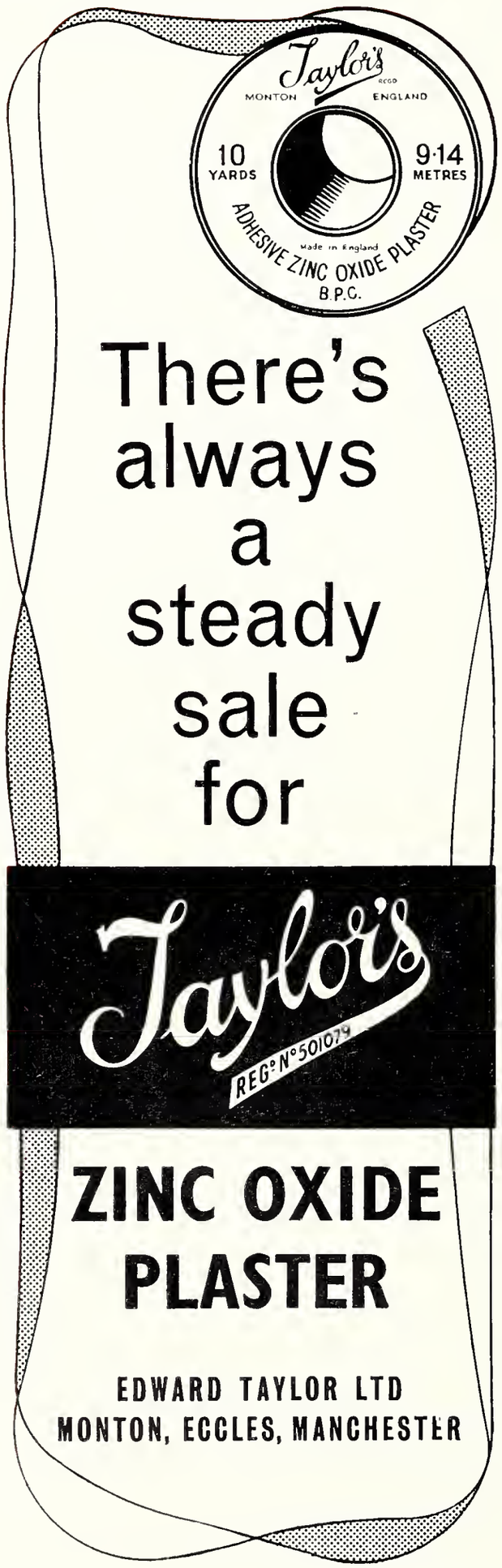
Remember Suba-Seal Baby Feeding products – the boilable transparent feeder—the exclusive long-life silicone teat... better for Baby... more profitable for you.

KEEP YOUR GOODWILL— SELL A GOOD HOT WATER BOTTLE— SELL A SUBA-SEAL

Only a genuine Suba-Seal has the original anchored Suba-Seal closure that cannot leak and cannot get lost.
Your representative will show you the whole wonderful Suba-Seal range... retail prices start at 7/6 for adult sizes and 3/11 for cot sizes.
Every Suba-Seal has a leak-proof closure... is doubly safe for children and adults... gives splutter-free filling.

See your Suba-Seal Representative or write to:

WILLIAM FREEMAN & CO. LTD., SUBA-SEAL WORKS, STAINCROSS, BARNSLEY, YORKS. BARNSLEY 4081.



TF 228



TELL A LiE LOSE A TOOTH

LONG, long ago it was widely believed that if you told a lie a tooth fell out. There were even cases of people being burned as witches because they were toothless. (This does much to explain the early development of false teeth.)

Nowadays, of course, the penalties for neglecting our teeth are much less severe, and we are much better at looking after them. We know, for one thing, that the earlier we start our children in good dental habits—by teaching them the C D E F rule for good teeth—the more promise we give them of healthy teeth both now and in adult life.

C CLEANING Often and thorough, to remove food particles that can cause decay. After each meal if possible, and always with a brush at bedtime.

D DENTIST Regular visits to catch any trouble early.

E EXERCISE Lots of chewing—apples, celery, chewing gum, raw vegetables. Helps to clean teeth, promotes flow of saliva (nature's mouthwash); stimulates gums, aids proper jaw development.

F FOOD Plenty of milk, butter, cheese and eggs: rich in minerals and vitamins for strong teeth and healthy gums.

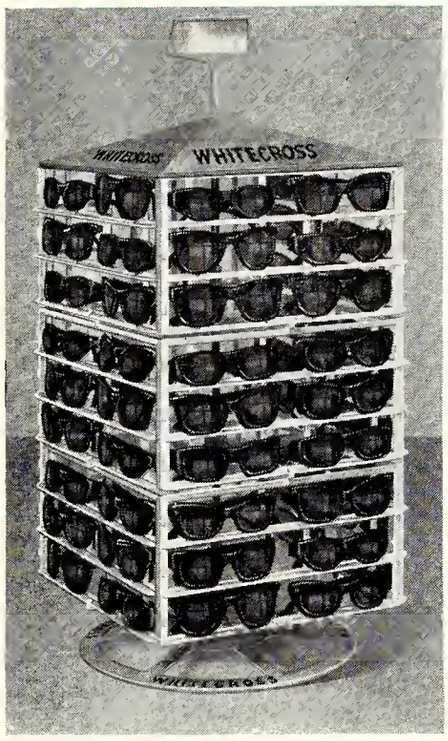
PUBLISHED BY THE WRIGLEY COMPANY LIMITED, LONDON

E2/6/62

FOR GLAMOUR WITHOUT GLARE . . . . .

Whitecross

A range of the latest continental fashion sunglasses for the 1962 season



THE WHITECROSS 'MINSTREL'

An attractive revolving display stand supplied FREE with an assortment of 8 dozen men's and ladies' black sunglasses retailing from 2/6 to 10/6.

	Price to Public
Revolving Display Stand	FREE
12 Pieces **6682** Black	2/6 each
12 Pieces **3866** Black	3/6 each
12 Pieces **6680** Black	5/- each
12 Pieces **6636** Black	6/9 each
12 Pieces **1836** Black	7/6 each
12 Pieces **6675** Black	7/11 each
12 Pieces **7456** Black	9/11 each
12 Pieces **3056** Black	10/6 each

The above glasses are also supplied separately

Ask your usual wholesaler for illustrated catalogue showing our complete range retailing from 2/6.

Whitecross Optical Company
(Proprietors, Fredk. Lehmann Co Ltd.)
Frederick Works, Rochester Place, London, N.W.1
Telephone: GULliver 6731
REG. TRADE MARK

INECTO

INECTO COLOUR CRÈME most modern of cream permanent tints. Wholesale 3/6 + P.T. Retail 7/2

hair colouring

INECTO RAPID world's most famous liquid permanent tint. Wholesale 2/7 + P.T. Retail 5/4

INECTO HAIR MAGIC fabulous semi-permanent, including special grey-hair series. Wholesale 1/10 + P.T. Retail 4/1

lines are selling

INECTO CRÈME HAIR LIGHTENER soft and gentle cream lightening and brightening hair three or four shades. Wholesale 1/10 + P.T. Retail 3/9

INECTO CRÈME FOR MEN permanent cream tint in 6 masculine shades. Wholesale 3/6 + P.T. Retail 7/2

lines !

INECTO HI-LIFT easy-to-use ultra bleach with lanolin for whole-head bleaching or for brightening. Wholesale 1/10 + P.T. Retail 3/9

INECTO—the largest and most experienced manufacturers of hair colouring in the world

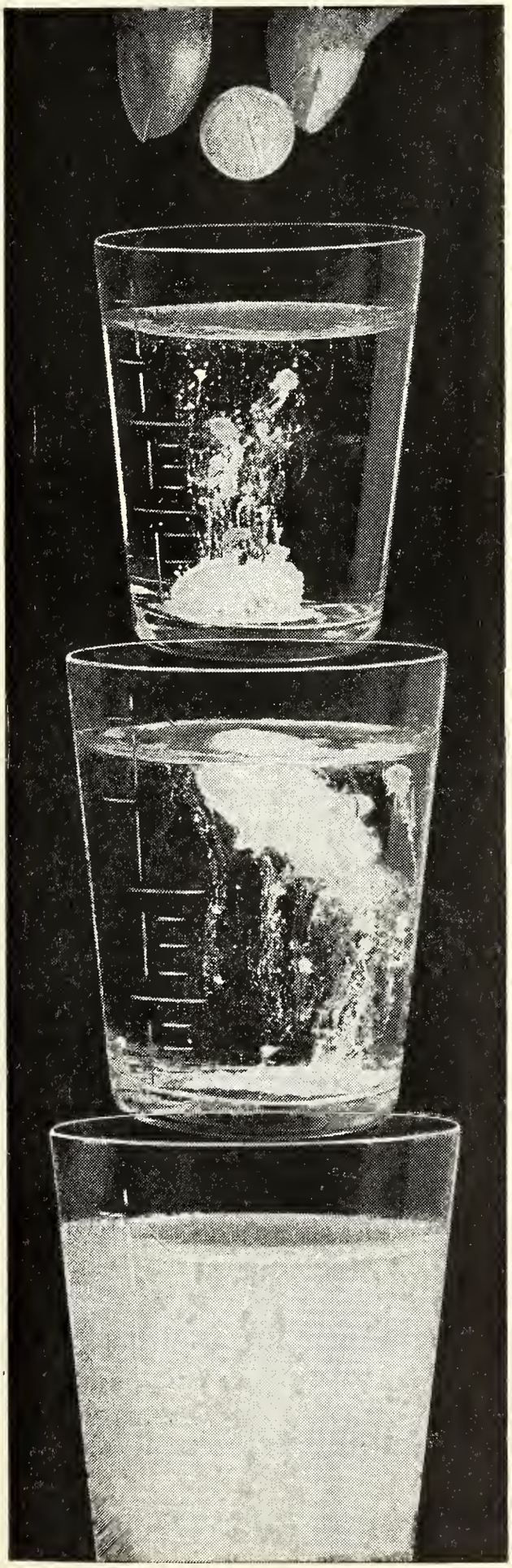
Advice Bureau: Inecto House, 27 Dover Street, London, W.1. HYDe Park 7541 (12 lines)

universally prescribed –clinically proven



Ortho for confidence in contraception

Ortho Pharmaceutical Limited
Saunderton · Buckinghamshire



Solprin

NEUTRAL SOLUBLE ASPIRIN

Codis

SOLUBLE ASPIRIN, PHENACETIN AND CODEINE

Cafdis

SOLUBLE ASPIRIN, PHENACETIN AND CAFFEINE

Their place to-day

General acceptance won by Solprin, Codis and Cafdis is due to their aspirin content being soluble and substantially neutral. Consequently, all three are quick acting and are far less likely to upset the stomach.

Medical opinion to-day is overwhelmingly in support of soluble aspirin. This is why doctors prescribe Solprin, Codis or Cafdis, and this is why the chemist dispenses them so often.

RECKITT & SONS LTD.
PHARMACEUTICAL DEPARTMENT, HULL

BEAUTIFULLY FRESH IDEAS FROM Scentinel



MAKING FRESH PROFITS FOR YOU!

QUIFF—Liquid Air Freshener in Puffer Bottle and Aerosol. Retail 3/9d.
WHAM—Fly and Insect Killer Aerosol. Retail 3/9d.
Block Air Fresheners: MIKE—Fragrant block in plastic holder with suction grip. Retail 2/9d. BOBBY—New presentation, 2¾" square block with hanging tab. Retail 1/-. MINOR—Fragrant block in polythene holder with suction grip. Retail 1/6d.

Scentinel
HOME OF HYGIENE-IN-THE-HOME

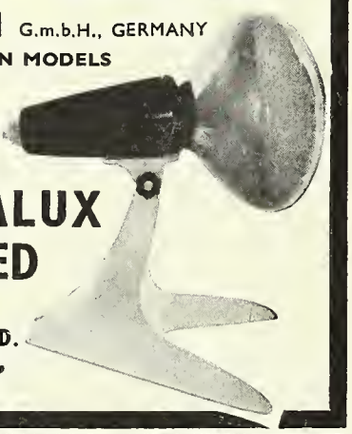
New Hygiene Ltd., 266 Holloway Road, London, N.7



2 fine foods—
that are fun to eat
PEANUT BUTTER
AND
PEANUT CRUMBLE
MADE BY
GRANOSE FOODS LTD
WATFORD · HERTS

"NERON" HEALTH LAMPS

MADE BY OSRAM G.m.b.H., GERMANY
COMPLETE PRESCRIPTION MODELS
FROM 59/-
ULTRA-VITALUX
AND INFRA-RED
LAMPS



'V' DEVELOPMENT LTD.
22 CLIFTON ROAD,
LONDON, W.9

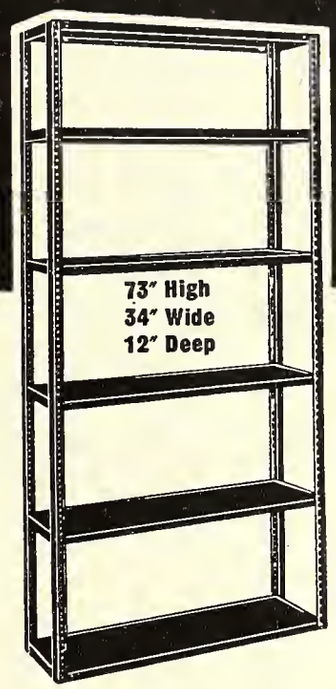
HIPSY

ROSE HIP SYRUP



2/6 a bottle

Paines & Byrne Limited, Greenford, Middlesex.



Today's best value in heavy gauge **STEEL SHELVING**

£3.15.0

Also available in white at £5·15·0.
Extra shelves in white at 11/6 each.

Unassembled ready for erection

- Brand new—Manufactured in our own works.
- Shelves adjustable every inch.
- Heavy gauge shelves will carry 400lb. distributed weight each.
- Stove enamelled dark green.
- 6 shelves per bay—Extra shelves 8/- each.
- Quantity discount on orders for six bays or more.
- Send for Catalogue of other storage equipment.

DELIVERED FREE IN ENGLAND, SCOTLAND & WALES.
Satisfaction guaranteed or equipment replaced

N. C. BROWN LTD
Shelving Division, Heywood, Lancs. Tel: 69018

Sylvia
SANITARY TOWELS

Perfection in Protection

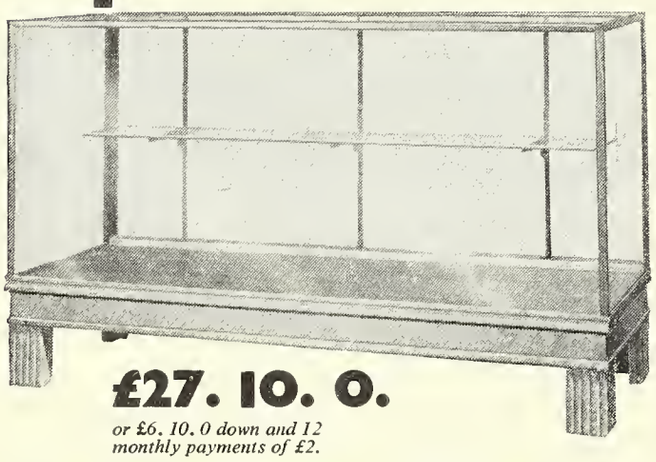
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We are advertising our well-known Sanitary Towel in women's journals with big national circulations. The FREE SAMPLE OFFER made in this advertising will result in many enquiries in your shop from customers impressed by the quality of the product, and you will of course wish to meet the demand.

If you are not already a stockist, ask us to arrange a call from our Representative, or place an order now—this will be supplied immediately. Available direct from us only, Sylvia Sanitary Towels, at very reasonable prices will really satisfy your customers—their quality is outstanding.

A PRODUCT OF *Cuxson, Gerrard & Co. Ltd.* OLDBURY, BIRMINGHAM
Telephone: BROadwell 1355 (5 lines)

6 ft. DISPLAY COUNTER



£27. 10. 0.

or £6. 10. 0 down and 12 monthly payments of £2.

Make the most of your displays with this handsome counter. Sliding glass doors and adjustable shelf. Light oak finish.

Dimensions: 72" long, 36" high (including 6" legs), 24" deep.

Delivered free by our own van to all areas

Send for Illustrated Brochure

THIRSK

EQUIPMENT COMPANY LIMITED. Dept. C.D., 741-743 Garratt Lane, London, S.W.17. Tel: WIMbledon 2291 (4 lines)

A **NEW** DISPLAY for

VULFIX

SHAVING BRUSHES

Each brush Guaranteed for 2 years



FREE with PARCEL No. 910 containing...

4 pcs. No. 20 PURE BRISTLE BRUSH
Each in window carton ..... RETAIL PRICE **4/11** EACH
4 pcs. No. 21 PURE BRISTLE BRUSH
Each in acetate tube ..... RETAIL PRICE **6/9** EACH
4 pcs. No. 22 PURE BRISTLE BRUSH
Each in acetate tube ..... RETAIL PRICE **8/6** EACH
W.S.P. **45/-** Plus P.T. RETURNS **80/8**

PROGRESS SHAVING BRUSH (VULFIX) LIMITED

MOTTRAM STREET, STOCKPORT, CHESHIRE. Tel. STO 2147

London Office : 143 New Bond St. London W.1 Tel. HYDe Park 3886-7

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OF THE NEW TORBET ADVERTISING

Why not inform your customers about

TORBET CALSALETTES	**1/8½**	**&**	**6/9**
TORBET LACTIC OATS	**2/2**	**&**	**4/3**

TORBET LACTIC OAT CO. LTD., 24, Great King Street, Edinburgh, 3.

"LUTON"
STRAW HAT DYES
"AURORAL"
COLD WATER DYES

are nationally advertised and are regularly requested. Attractive Pattern Cards and Showcards supplied.

Write for Price List giving full particulars to:
WHITAKER & CO. (KENDAL) LTD., KENDAL.

D&P *FOR FIRST QUALITY*

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DAILY COLLECTIONS AND DELIVERIES THROUGHOUT MIDDLESEX, S.W. HERTS AND WEST LONDON

T. COOPER

35 PINNER ROAD, HARROW

Phone: **HARROW 9948**

MOTHERS—

you will need the...

REGISTERED
SUBA-SEAL
TRADE MARK



Complete BABY FEEDING SET

Contains everything of high-grade, hygienic quality, which every Nursing mother needs.



* The SUBA-SEAL COMPLETE BABY FEEDING SET is unique. It contains everything the Nursing mother needs for healthy, hygienic feeding. The Feeding Bottles are in light weight High-Density Polythene which are sterilizable *by boiling* and are virtually unbreakable. The STAYWARM unit is the handiest method advised for keeping baby's feed at a suitable temperature for night feeding, and will be welcomed by mothers who need to feed baby when travelling. The COT size HOT WATER BOTTLE has the original Suba-Seal anchored safety cap which is completely leakproof. In every way you have safety with Suba-Seal.

Be sure to ask your chemist or baby outfitter for this remarkable Baby Feeding Set.

24'6 COMPLETE

THIS HANDY SET CONTAINS THE FOLLOWING—



EVERY ONE A GUARANTEED SUBA-SEAL PRODUCT

SUBA-SEAL SILICONE TEAT



Hospital Tested—outlasts all other types of TEATS and, with normal usage, will last from birth to weaning. Try one to-day and you will never use any other. Not included in the above pack.

3/6

WILLIAM FREEMAN & CO. LTD • SUBA-SEAL WORKS • STAINCROSS • BARNSLEY • YORKS.

The CHEMIST AND DRUGGIST
CLASSIFIED ADVERTISEMENTS

Telephone: CENtral 6565

Address Box Number Replies to: **THE CHEMIST AND DRUGGIST, 28 ESSEX ST., STRAND, LONDON, W.C.2**

APPOINTMENTS — 24/- per ½" s.c. minimum and pro rata. AGENTS — AUCTION SALES — BUSINESSES FOR SALE and WANTED — CLEARANCES and WANTS — CONTRACTS — MISCELLANEOUS — PATENTS — PARTNERSHIPS — PREMISES — PUBLIC and LEGAL NOTICES — SITUATIONS VACANT. Run-on — 4/- per line (minimum 20/-). Semi-display — 24/- per ½" s.c. minimum. Displayed with border rule, larger type faces and blocks — 60/- per s.c.i. minimum. Reduced rates for one-third, one-half and full pages on application. SITUATIONS WANTED — 6/- per 18 words minimum, then 4d. per word. Use of Box No. — 2/-. Advertisements received by 4 p.m. Tuesday published same week.

ERNEST J. GEORGE & CO.

329 HIGH HOLBORN, LONDON W.C.1. Telephone: HOLBORN 7406/7

Professional Valuers to the Pharmaceutical Trade.—Wholesale, Retail and Hospital Stocks. Branches throughout England and Scotland.

PREMISES

DRUG STORE FOR SALE, Southend-on-Sea area, single-handed turnover £5,000, suitable conversion to chemist. No opposition. Box C 4439.

POTTERS BAR URBAN DISTRICT COUNCIL
OAKMERE HOUSING ESTATE, FORBES AVENUE

SHOP AND FLAT

The Potters Bar Urban District Council invite applications for a Lease for a term of Twenty-one years, with breaks at seven and fourteen at the Tenant's option, of a vacant shop with flat over, being one of a block of eight erected by them on their Oakmere Housing Estate at Forbes Avenue.
A garage adjoining will be available if required on a separate tenancy at a rent to be fixed by the Council.
Form of Application and other particulars may be obtained from W. A. Stevens, Clerk of the Council, Council Offices, Darkes Lane, Potters Bar, Middlesex. C 7273

TOWYN, Merioneth Coast. High-class non-dispensing Chemists and Photographic Business, plus modern living accommodation. Main Street. Rapidly expanding population. Last year's turnover £6,000 but capable of improvement. Freehold. Excellent prospect. Full particulars of Morris, Marshall & Poole, Auctioneers, Newtown (Tel.: 321) Mont. C 4414

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FREEHOLD PROPERTY, London area. A drug store, near market, main road. Established 16 years. Ill health of partner reason for selling. Box C 4425.

FOR SALE: Freehold premises and business. Drug store suitable for dispensing chemist in excellent position in very busy Sussex Market Town near the South Coast. Write for further particulars. Box C 4437.

BUSINESSES WANTED

CHEMICAL MERCHANTS interested in acquiring control of small trading/packaging company in south-east London. Write in confidence to Box C 4422.

APPOINTMENTS

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE
Locum Pharmacist
for holiday relief duty in the hospitals of the group.
21st May—30th June
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CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE
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Dispenser
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Locum Chief Pharmacist
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Superannuation: The benefits of the Staff Superannuation Scheme are open to members of the College teaching staff.

Accommodation: If the appointee is an overseas applicant the College Council will assist, if necessary, in finding a suitable residence and will provide reasonable assistance towards meeting travel expenses.

Commencing Date: The College year opens in the first week in March 1963. It is desired that the successful applicant take up duties earlier than that date, say in September 1962.

Applications giving details of qualifications, experience and publications, and naming two referees should be addressed to:—

The Secretary,
Victorian College of Pharmacy,
381 Royal Parade,
Parkville,
Melbourne, Victoria,
AUSTRALIA. C 4399

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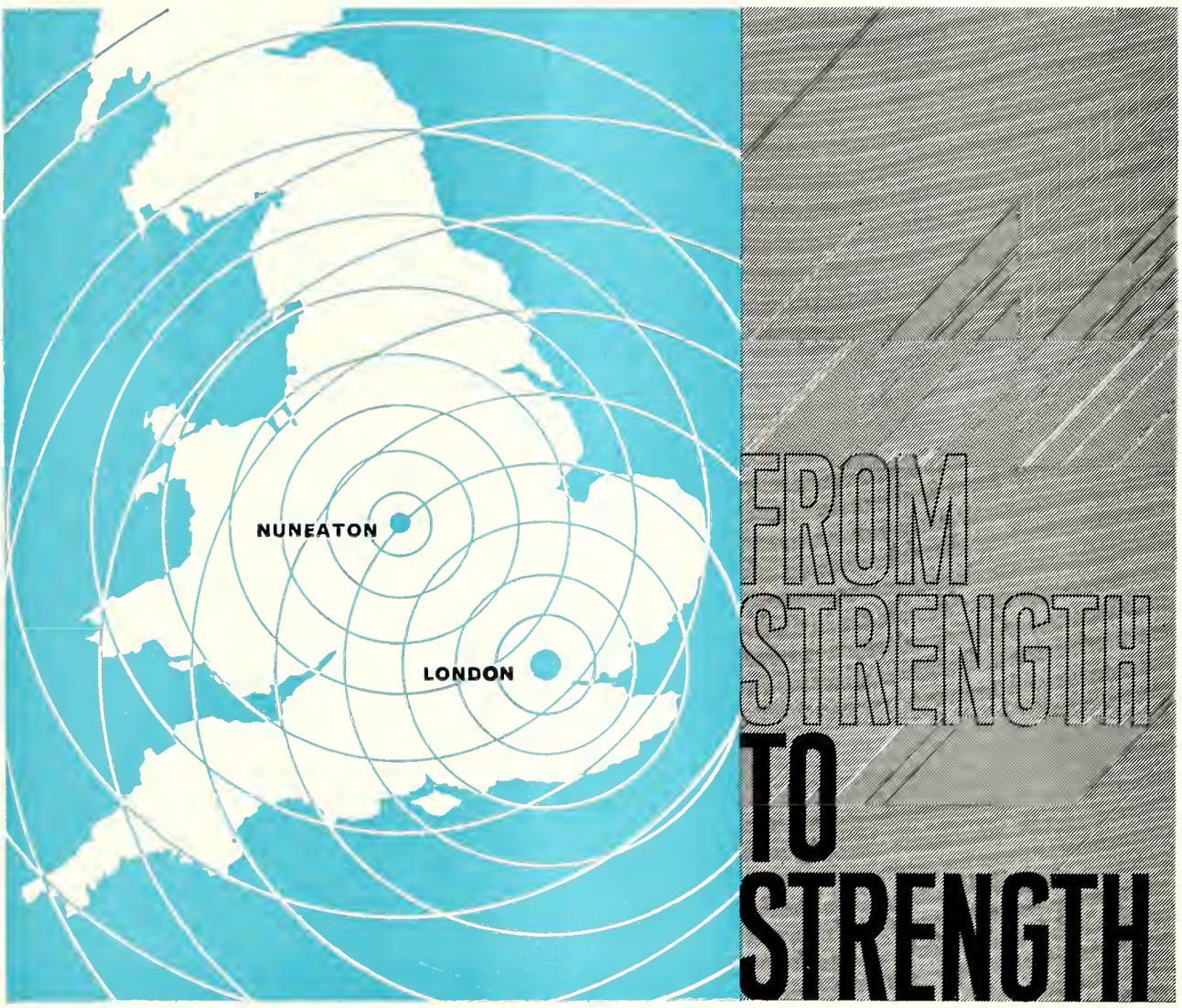
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